#### **Descriptive Statistics**

		Std.		
	Mean	Deviation <sup>a</sup>	Analysis N <sup>a</sup>	Missing N
Has water piped into dwelling	.05	.227	18843	1
Has water piped into yard/plot	.05	.212	18843	1
Has water piped to neighbor	.01	.074	18843	1
Has public tap/standpipe for water	.14	.351	18843	1
Has tubewell/borehole for water	.10	.304	18843	1
Has protected well for water	.05	.220	18843	1
Has unprotected well for water	.11	.308	18843	1
Has protected spring for water	.11	.317	18843	1
Has unprotected spring for water	.02	.149	18843	1
Has rainwater for water	.01	.104	18843	1
Has cart with small tank for water	.00	.039	18843	1
Has surface water	.09	.284	18843	1
Has bottled water	.24	.429	18843	1
Has flush to piped sewer system toilet	.00	.069	18843	13
Has flush to septic system toilet	.20	.401	18843	13
Has flush to pit latrine toilet	.36	.480	18843	13
Has vent improved pit latrine toilet	.00	.036	18843	13
Has pit latrine with slab toilet	.01	.083	18843	13
Has pit latrine without slab toilet	.03	.165	18843	13
Has composting toilet	.00	.041	18843	13
Has bucket toilet	.00	.045	18843	13
Has bush/field/none toilet	.37	.482	18843	13
Has flush to septic system toilet-shared	.01	.093	18843	0
Has flush to pit latrine toilet-shared	.01	.115	18843	0
Persons per sleeping rooms	3.1113	1.91541	18843	619
Has earth/sand floor	.10	.294	18843	6
Has wood floor	.28	.451	18843	6
Has palm/bamboo floor	.09	.291	18843	6
Has parquet/polished wood floor	.19	.394	18843	6
Has ceramic tile floor	.13	.333	18843	6
Has cement floor	.20	.403	18843	6
Has thatch/palm leaf roof	.13	.335	18843	1
Has palm/bamboo roof	.03	.168	18843	1
Has wood plank roof	.01	.092	18843	1
Has metal roof	.56	.497	18843	1
Has wood roof	.00	.065	18843	1
Has calamine/cement fibre roof	.26	.441	18843	1
Has ceramic tile roof	.00	.025		1
Has cement roof	.00	.034		1
Has shingle roof	.00	.025		1

**Component Score Coefficient Matrix** 

Has water piped into dwelling         .011         0.047415233         -0.002722           Has water piped into yard/plot         .001         -0.04355796         0.000214           Has water piped into yard/plot         .003         -0.041089141         0.00230           Has public tap/standpipe for water         -026         -0.064283409         0.010845           Has tubewell/borehole for water         .003         0.01441495         -0.007731           Has unprotected well for water         -003         -0.06420573         0.008294           Has unprotected spring for water         -003         -0.06490573         0.008294           Has unprotected spring for water         -003         -0.074807116         0.000726           Has cart with small tank for water         -003         -0.074807116         0.000756           Has but water         -003         -0.074807116         0.007561           Has flush to septic system toilet         .012         0.1683704         -0.037487           Has but by piped sewer system toilet         .012         0.169902043         -0.007256           Has flush to septic system toilet         .011         0.01314         Has sit latrine with slab toilet         -001           Has busht wit slab toilet         .001         0.019066933         -2.	·	Component	Sum over	Sum over each variable		
Has water piped into yard/plot        001         -0.004355796         0.00214           Has water piped to neighbor        003         -0.041089141         0.00230           Has public tap/standpipe for water        026         -0.064283409         0.010845           Has tubewell/borehole for water        009         -0.026603155         0.000773           Has uprotected well for water        001         -0.064283409         0.001845           Has protected spring for water        003         0.01441495         -0.000731           Has protected spring for water        009         -0.062340964         0.001424           Has protected spring for water        003         -0.074807116         0.00015           Has surface water        003         -0.074807116         0.0017561           Has butld water        066         0.11683704         -0.037487           Has flush to septic system toilet         .012         0.169902043         -0.002656           Has flush to septic system toilet         .011         0.011966933         -2.534826           Has pit latrine toilet         .004         -0.047313886         0.000331           Has pit latrine with slab toilet        001         -0.03259458         6.545358           Has busht pit		1	If has	If does not have		
Has water piped to neighbor        003         -0.041089141         0.000230           Has public tap/standpipe for water        026         -0.064283409         0.010845           Has tubewell/borehole for water        009         -0.026603155         0.003060           Has protected well for water        001         -0.031148397         0.003711           Has unprotected spring for water        003         -0.064284096         0.001441           Has unprotected spring for water        003         -0.064284096         0.001442           Has unprotected spring for water        003         -0.0623409664         0.001442           Has rainwater for water        003         -0.074807116         0.000276           Has string tor water        004         -0.077753446         -0.007561           Has bottled water        006         0.11683704         -0.037487           Has flush to piped sewer system toilet         .012         0.169902043         -0.0025668           Has flush to pit latrine toilet         .001         0.01906933         -2.534826           Has pit latrine with slab toilet        001         -0.032359458         6.543535           Has pit latrine with slab toilet        001         -0.032359458         6.543535	Has water piped into dwelling	.011	0.047415233	-0.002722138		
Has public tap/standpipe for water        026        0.064283409         0.010845           Has tubewell/borehole for water        009         -0.026603155         0.003060           Has unprotected well for water        011         -0.031148397         0.003711           Has unprotected spring for water        023         -0.06490573         0.008294           Has unprotected spring for water        009         -0.062340964         0.001441           Has cart with small tank for water        003         -0.07480716         0.0001142           Has cart with small tank for water        003         -0.07480716         0.0001142           Has surface water        024         -0.077753446         0.007561           Has flush to piped sever system toilet         .012         0.169902043         -0.0026688           Has flush to septic system toilet         .011         0.019066933         -2.534826           Has vent improved pit latrine toilet         .001         -0.023235458         0.00135           Has busht/field/none toilet        001         -0.032355458         6.543331           Has busht/field/none toilet        001         -0.072581898         0.002098           Has busht/field/none toilet        007         -0.079339096         0.043823	Has water piped into yard/plot	001	-0.004355796	0.000214927		
0.26         -0.064283409         0.010845           Has tubewell/borehole for water        009         -0.026603155         0.003061           Has protected well for water        003         0.01441495        000773           Has unprotected spring for water        023        0.06490573         0.008294           Has unprotected spring for water        003        0.07753446         0.001142           Has rainwater for water        003        0.07753446         0.0007561           Has surface water        002        0.07753446         0.007561           Has surface water        002        0.07753446         0.007561           Has flush to septic system toilet         .012         0.169902043         -0.00825           Has flush to septic system toilet         .001         0.019066933         -2.534826           Has pit latrine toilet         .001         0.019066933         -2.534826           Has pit latrine with slab toilet        012        0.072581898         0.00298           Has bush/field/none toilet        003         -0.0733906         0.043823           Has pit latrine withs lab toilet        012        0.0733906         0.043823           Has pit latrine toilet         .006        0.	Has water piped to neighbor	003	-0.041089141	0.000230259		
Has protected well for water         1.00         0.01441495         0.000773           Has unprotected spring for water        01        0.06490573         0.008294           Has unprotected spring for water        023        0.06490573         0.008294           Has unprotected spring for water        009        0.662340964         0.001422           Has rainwater for water        003        0.07753446         0.007561           Has cart with small tank for water        002        0.07753446         0.007561           Has surface water        022        0.07753446         0.007561           Has flush to septic system toilet         .012         0.169902043         -0.00825           Has flush to septic system toilet         .011         0.019066933         -2.534826           Has pit latrine toilet         .001         0.019066933         -2.534826           Has pit latrine with slab toilet        012        0.07581898         0.002098           Has composting toilet         .001        0.072581898         0.00235           Has bush/field/none toilet         .001         -0.072581898         0.043823           Has soptic system toilet         .001         -0.075339096         0.043823           Has bush/field/none	Has public tap/standpipe for water	026	-0.064283409	0.010845483		
Has unprotected well for water        011        0.031148397         0003711           Has unprotected spring for water        023        0.06490573         0.008294           Has unprotected spring for water        003         0.024922891        0.000276           Has cart with small tank for water        003        0.077753446         0.000115           Has cart with small tank for water        002        0.077753446         0.007561           Has butled water        066         0.11683704        0.037487           Has flush to piped sewer system toilet         .012         0.169902043        0.00825           Has flush to septic system toilet         .001         0.019061911        0.025668           Has flush to septic system toilet         .001         0.019066933         -2.534826           Has pit latrine toilet         .001         0.019066933         -2.534826           Has bush to pit latrine toilet         .001        0.072581898         0.002098           Has composting toilet         .001        0.07533096         0.043823           Has bush/field/none toilet         .006         0.060351021         -0.000533           Has flush to septic system toilet-         .006         0.060351021         -0.000533 <t< td=""><td>Has tubewell/borehole for water</td><td>009</td><td>-0.026603155</td><td>0.003060512</td></t<>	Has tubewell/borehole for water	009	-0.026603155	0.003060512		
Has protected spring for water        023        0.06490573         0.008294           Has unprotected spring for water        003        0.074807116         0.001142           Has cart with small tank for water        003        0.07753446         0.007561           Has cart with small tank for water        002        0.077753446         0.007561           Has surface water        024        0.077753446         0.007561           Has bottled water         .066         0.11683704        0.025668           Has flush to septic system toilet         .012         0.169902043        0.025668           Has flush to septic system toilet         .011         0.019066933         -2.53482F           Has flush to pit latrine toilet         .001         0.019066933         -2.53482F           Has pit latrine with slab toilet        012        0.072581898         0.002098           Has bush/field/none toilet        003         -0.079795745         0.000135           Has bush/field/none toilet        057         -0.06331021         -0.00533           Has bush/field/none toilet        052         -0.038869694         0.014325           Has bush/field/none toilet        025         -0.038869694         0.015459           Ha	Has protected well for water	.003	0.01441495	-0.000773021		
Has unprotected spring for water        009        0.662340964         0001442           Has rainwater for water         .003         0.024922891         -0.00276           Has cart with small tank for water         .003        0.07753446         0.000748           Has surface water         .024         -0.077753446         0.007561           Has bottled water         .066         0.11683704         -0.037487           Has flush to piped sewer system toilet         .012         0.169902043         -0.002568           Has flush to septic system toilet         .001         0.01906933         -2.53482E           Has pit latrine toilet         .001         0.01906933         -2.53482E           Has pit latrine with slab toilet         .001         0.01906933         -2.53482E           Has pit latrine without slab toilet         .001         0.01906933         -2.53482E           Has bucket toilet         .001         0.032359458         6.54353E           Has bucket toilet         .001         .0.060351021	Has unprotected well for water	011	-0.031148397	0.003711314		
Has rainwater for water         .003         0.024922891         -0.000276           Has cart with small tank for water         .003         .0.074807116         0.000115           Has surface water         .004         .0.07753446         0.007561           Has bottled water         .006         0.11683704         -0.037487           Has flush to piped sewer system toilet         .012         0.169902043         -0.0022668           Has flush to septic system toilet         .011         0.019066933         -2.534826           Has pit latrine toilet         .001         0.019066933         -2.534826           Has pit latrine with slab toilet         .001         0.047313886         0.000331           Has pit latrine with slab toilet         .001         -0.072581898         0.002098           Has composting toilet         .001         -0.032359458         6.543536           Has bus/field/none toilet         .0057         -0.075339096         0.043823           Has flush to septic system toilet-shared         .001         0.043968003         0.064793           Has searth/sand floor         .022         .0038669694         0.015459           Persons per sleeping rooms         .040         .0.043968003         0.064793           Has wood floor         .01	Has protected spring for water	023	-0.06490573	0.008294352		
Has cart with small tank for water         .003         .0.07492111         0.000170           Has surface water         .003         .0.074807116         0.000115           Has surface water         .006         0.077753446         0.007751           Has flush to piped sewer system toilet         .012         0.169902043         -0.0032487           Has flush to septic system toilet         .051         0.101961911         -0.025668           Has flush to pit latrine toilet         .011         0.019066933         -2.534826           Has pit latrine with slab toilet         .001         0.019066933         -2.534826           Has pit latrine with slab toilet         .001         0.019066933         -2.534826           Has pit latrine with slab toilet         .001         0.019066933         -2.534826           Has pit latrine with slab toilet         .001         0.007755189         0.000313           Has bush/field/none toilet         .001         -0.07538996         0.043823           Has flush to septic system toilet-         .006         0.060351021         -0.000533           Has flush to pit latrine toilet-shared         .001         0.008095159         -0.00110           Persons per sleeping rooms         .040         0.043968003         0.064793	Has unprotected spring for water	009	-0.062340964	0.001442075		
Has cart with small tank for water        003         -0.074807116         0.000115           Has surface water        024         -0.077753446         0.007561           Has bottled water         .066         0.11683704         -0.037487           Has flush to piped sewer system toilet         .012         0.169902043         -0.0025668           Has flush to septic system toilet         .061         0.101961911         -0.025668           Has flush to pit latrine toilet         .011         0.019066933         -2.534826           Has pit latrine with slab toilet         .001         0.019066933         -2.534826           Has pit latrine without slab toilet         .001         -0.072581898         0.00098           Has composting toilet         .001         -0.032359458         6.543536           Has bush/field/none toilet         .007         -0.075339096         0.043823           Has flush to septic system toilet-shared         .001         0.008095159         -0.000110           Persons per sleeping rooms         .040         0.043968003         0.064793           Has wood floor         .022         -0.038869694         0.015459           Has wood floor         .012         -0.00753146         0.006085           Has palm/bamboo floor         <	Has rainwater for water	.003	0.024922891	-0.000276847		
Has surface water        024         -0.077753446         0.007561           Has bottled water         .066         0.11683704         -0.037487           Has flush to piped sewer system toilet         .012         0.169902043         -0.0025668           Has flush to septic system toilet         .018         0.023453689         -0.01314           Has flush to pit latrine toilet         .018         0.023453689         -0.01314           Has vent improved pit latrine toilet         .001         0.019066933         -2.5348216           Has pit latrine with slab toilet        004         -0.047313886         0.000331           Has pit latrine with slab toilet        012         -0.07258189         0.002098           Has composting toilet        003         -0.079795745         0.000135           Has bush/field/none toilet        007         -0.075339096         0.043823           Has flush to septic system toilet-shared         .006         0.060351021         -0.000533           Has wood floor        026         -0.079422809         0.00895159         -0.00110           Persons per sleeping rooms        014         -0.028694406         0.00685           Has wood floor        033         -0.101698238         0.010461           Has	Has cart with small tank for water	003		0.000115314		
Has bottled water        066         0.11683704         -0.037487           Has flush to piped sewer system toilet        012         0.169902043         -0.000825           Has flush to septic system toilet        011         0.01961911         -0.025668           Has flush to pit latrine toilet        011         0.019066933         -2.534826           Has pit latrine with slab toilet        004         -0.047313886         0.000331           Has pit latrine with slab toilet        001         -0.072581898         0.002098           Has composting toilet        001         -0.032359458         6.543538           Has flush to septic system toilet        007         -0.075339096         0.043823           Has flush to septic system toilet-        006         0.060351021         -0.000533           Has flush to pit latrine toilet-shared        001         0.043968003         0.064793           Has wood floor        026         -0.079422809         0.008391           Has palm/bamboo floor        012         -0.028694406         0.00685           Has eramic tile floor        063         0.164625565         -0.024025           Has palm/bamboo roof        017         -0.028694406         0.00685           Has palm/bamboo roo	Has surface water	024		0.007561627		
Has flush to piped sewer system toilet         .012         0.169902043         -0.000825           Has flush to septic system toilet         .051         0.101961911         -0.025668           Has flush to pit latrine toilet         .001         0.019066933         -2.53482E           Has pit latrine with slab toilet         .001         0.019066933         -2.53482E           Has pit latrine with slab toilet         .001         0.019066933         -2.53482E           Has pit latrine without slab toilet         .001         -0.072581898         0.000331           Has composting toilet         .001         -0.032359458         6.54353E           Has bush/field/none toilet         .006         -0.075339096         0.043823           Has flush to septic system toilet-         .006         0.060351021         -0.000533           Has flush to pit latrine toilet-shared         .001         0.008095159         -0.000110           Persons per sleeping rooms         .040         0.043868003         0.064793           Has palm/bamboo floor         .002         -0.079422809         0.008391           Has palm/bamboo floor         .003         -0.101698238         0.010455           Has palm/bamboo floor         .003         0.101698238         0.010455           Has ce	Has bottled water			-0.037487776		
.012       0.169902043       -0.000825         Has flush to septic system toilet       .051       0.101961911       -0.025668         Has flush to pit latrine toilet       .018       0.023453689       -0.01314         Has vent improved pit latrine toilet       .001       0.019066933       -2.53482E         Has pit latrine with slab toilet      012       -0.047313886       0.000331         Has composting toilet      012       -0.072581898       0.002098         Has composting toilet      001       -0.032359458       6.54353E         Has bush/field/none toilet      057       -0.075339096       0.043823         Has flush to septic system toilet-shared       .001       0.060351021       -0.000533         Has flush to pit latrine toilet-shared       .001       0.043968003       0.064793         Has wood floor      025       -0.038869694       0.015459         Has palm/bamboo floor      033       -0.101698238       0.010461         Has searth/sand floor       .032       0.062257065       -0.01602         Has seare floor       .032       0.062257065       -0.01602         Has seare floor       .032       0.062257065       -0.01602         Has cerarmic tile floor       .032       0.	Has flush to piped sewer system toilet		0.11000701			
Has flush to pit latrine toilet       .018       0.023453689       -0.01314         Has vent improved pit latrine toilet       .001       0.019066933       -2.53482E         Has pit latrine with slab toilet       .004       -0.047313886       0.000331         Has pit latrine with slab toilet       .012       -0.072581898       0.002098         Has composting toilet       .001       -0.032359458       6.54353E         Has bucket toilet      007       -0.075339096       0.043823         Has flush to septic system toilet-shared       .001       -0.060351021       -0.000533         Has flush to pit latrine toilet-shared       .001       0.008095159       -0.000110         Persons per sleeping rooms      040       0.043968003       0.064793         Has wood floor      025       -0.038869694       0.015459         Has parquet/polished wood floor      014       -0.028694406       0.00685         Has ceramic tile floor       .032       0.062257065       -0.01602         Has palm/bamboo roof      017       -0.099524279       0.002981         Has etal roof      007       -0.075311657       0.000644         Has metal roof      004       -0.053284238       0.000230         Has wood plank roof		.012	0.169902043	-0.000825075		
Has vent improved pit latrine toilet         .001         0.019066933         -2.53482E           Has pit latrine with slab toilet        004         -0.047313886         0.000331           Has pit latrine without slab toilet        012         -0.072581898         0.002098           Has composting toilet        003         -0.079795745         0.000135           Has bucket toilet        001         -0.032359458         6.54353E           Has bush/field/none toilet        057         -0.075339096         0.043823           Has flush to septic system toilet-shared         .001         0.060351021         -0.000533           Has flush to pit latrine toilet-shared         .001         0.043968003         0.064793           Has earth/sand floor        025         -0.038669694         0.015459           Has wood floor        033         -0.101698238         0.010461           Has palm/bamboo floor        032         0.062257065         -0.01402           Has palm/bamboo floor         .032         0.0269257065         -0.01602           Has ceramic tile floor         .032         0.02257065         -0.01602           Has palm/bamboo roof        017         -0.09524279         0.002981           Has palm/bamboo roof        007 <td>Has flush to septic system toilet</td> <td>.051</td> <td>0.101961911</td> <td>-0.025668401</td>	Has flush to septic system toilet	.051	0.101961911	-0.025668401		
1.001       0.019066933       -2.53482f         Has pit latrine with slab toilet      004       -0.047313886       0.000331         Has pit latrine without slab toilet      012       -0.072581898       0.002098         Has composting toilet      003       -0.079795745       0.000135         Has bucket toilet      001       -0.032359458       6.543536         Has bush/field/none toilet      057       -0.075339096       0.043823         Has flush to septic system toilet-       .006       0.060351021       -0.000533         Has flush to pit latrine toilet-shared       .001       0.008095159       -0.000110         Persons per sleeping rooms      040       0.043968003       0.064793         Has wood floor      025       -0.038869694       0.015459         Has palm/bamboo floor      033       -0.101698238       0.010461         Has parquet/polished wood floor       .014       -0.028694406       0.006855         Has ceramic tile floor       .063       0.164625565       -0.024025         Has palm/bamboo roof       .017       -0.099524279       0.002981         Has palm/bamboo roof       .007       -0.075311657       0.000644         Has wood plank roof       .004       -0.053	Has flush to pit latrine toilet	.018	0.023453689	-0.01314775		
Has pit latrine without slab toilet      012      0.072581898       0.002098         Has composting toilet      003       -0.072581898       0.002098         Has composting toilet      001       -0.032359458       6.543538         Has bucket toilet      007       -0.075339096       0.043823         Has bush/field/none toilet      057       -0.075339096       0.043823         Has flush to septic system toilet-shared       .001       0.060351021       -0.000533         Has flush to pit latrine toilet-shared       .001       0.008095159       -0.000110         Persons per sleeping rooms      040       0.043968003       0.064793         Has wood floor      025       -0.038869694       0.015459         Has palm/bamboo floor      033       -0.101698238       0.010461         Has ceramic tile floor       .063       0.164625565       -0.024025         Has ceramic tile floor       .032       0.062257065       -0.01602         Has metal roof      039       -0.101141283       0.014953         Has wood plank roof      005       -0.004261444       0.005352         Has metal roof      004       -0.053284238       0.000230         Has ceramic tile roof       .044	Has vent improved pit latrine toilet	.001	0.019066933	-2.53482E-05		
Has composting toilet      003       -0.079795745       0.000135         Has bucket toilet      001       -0.032359458       6.543538         Has bush/field/none toilet      057       -0.075339096       0.043823         Has flush to septic system toilet-shared       .006       0.060351021       -0.000533         Has flush to pit latrine toilet-shared       .001       0.008095159       -0.000110         Persons per sleeping rooms      026       -0.079422809       0.008391         Has earth/sand floor      025       -0.038869694       0.015459         Has palm/bamboo floor      014       -0.028694406       0.00685         Has ceramic tile floor       .063       0.164625565       -0.024025         Has ceramic tile floor       .032       0.062257065       -0.01602         Has wood plank roof      007       -0.075311657       0.000644         Has wood plank roof      005       -0.004261444       0.005352         Has wood roof      004       -0.053284238       0.000230         Has ceramic tile roof       .004       -0.053284238       0.000230	Has pit latrine with slab toilet	004	-0.047313886	0.000331468		
Has bucket toilet         .001         .0032359458         6.54353E           Has bucket toilet         .001         .0032359458         6.54353E           Has bush/field/none toilet         .0057         .0075339096         0.043823           Has flush to septic system toilet- shared         .006         0.060351021         -0.000533           Has flush to pit latrine toilet-shared         .001         0.008095159         -0.000110           Persons per sleeping rooms         .040         0.043968003         0.064793           Has earth/sand floor         .026         -0.079422809         0.008391           Has wood floor         .025         -0.038869694         0.015459           Has palm/bamboo floor         .014         -0.028694406         0.00685           Has ceramic tile floor         .063         0.164625565         -0.024025           Has ceramic tile floor         .032         0.062257065         -0.01602           Has spalm/bamboo roof         .017         -0.099524279         0.002981           Has wood plank roof         .005         -0.004261444         0.005352           Has wood roof         .004         -0.053284238         0.000230           Has ceramic tile roof         .004         0.074197741         -0.026554 </td <td>Has pit latrine without slab toilet</td> <td>012</td> <td>-0.072581898</td> <td>0.002098018</td>	Has pit latrine without slab toilet	012	-0.072581898	0.002098018		
Has bush/field/none toilet       .057       .0.075339096       0.043823         Has flush to septic system toilet-shared       .006       0.060351021       .0.000533         Has flush to pit latrine toilet-shared       .001       0.008095159       .0.000110         Persons per sleeping rooms       .040       0.043868003       0.064793         Has earth/sand floor       .026       .0079422809       0.008391         Has wood floor       .025       .0.038869694       0.015459         Has palm/bamboo floor       .033       .0.101698238       0.010461         Has parquet/polished wood floor       .014       .0.028694406       0.00685         Has ceramic tile floor       .063       0.164625565       -0.024025         Has palm/bamboo roof       .017       .0.099524279       0.002981         Has wood plank roof       .007       .0.075311657       0.000644         Has wood roof       .004       .0.053284238       0.000230         Has ceramic tile roof       .004       .0.074197741       .0.026554         Has ceramic tile roof       .004       .0.074197741       .0.026554	Has composting toilet	003	-0.079795745	0.000135837		
Has flush to septic system toilet-       .006       0.060351021       -0.000533         Has flush to pit latrine toilet-shared       .001       0.060351021       -0.000110         Persons per sleeping rooms       .040       0.043968003       0.064793         Has earth/sand floor       .026       -0.079422809       0.008391         Has wood floor       .025       -0.038869694       0.015459         Has palm/bamboo floor       .003       -0.101698238       0.010461         Has parquet/polished wood floor       .014       -0.028694406       0.00685         Has ceramic tile floor       .063       0.164625565       -0.024025         Has thatch/palm leaf roof       .032       0.062257065       -0.01602         Has wood plank roof       .007       -0.075311657       0.000644         Has wood roof       .004       -0.053284238       0.000230         Has calamine/cement fibre roof       .004       0.074197741       -0.026554	Has bucket toilet	001	-0.032359458	6.54353E-05		
shared       .006       0.060351021       -0.000533         Has flush to pit latrine toilet-shared       .001       0.008095159       -0.000110         Persons per sleeping rooms      040       0.043968003       0.064793         Has earth/sand floor      026       -0.079422809       0.008391         Has wood floor      025       -0.038869694       0.015459         Has palm/bamboo floor      033       -0.101698238       0.010461         Has parquet/polished wood floor      014       -0.028694406       0.00685         Has ceramic tile floor       .063       0.164625565       -0.024025         Has thatch/palm leaf roof       .032       0.062257065       -0.01602         Has wood plank roof      007       -0.075311657       0.000644         Has metal roof      005       -0.004261444       0.005352         Has calamine/cement fibre roof       .004       0.074197741       -0.026554         Has ceramic tile roof       .001       0.047323313       -3.015826	Has bush/field/none toilet	057	-0.075339096	0.043823875		
.001       0.008095159       -0.000110         Persons per sleeping rooms      040       0.043968003       0.064793         Has earth/sand floor      026       -0.079422809       0.008391         Has wood floor      025       -0.038869694       0.015459         Has palm/bamboo floor      033       -0.101698238       0.010461         Has parquet/polished wood floor      014       -0.028694406       0.00685         Has ceramic tile floor       .063       0.164625565       -0.024025         Has thatch/palm leaf roof       .032       0.062257065       -0.01602         Has wood plank roof      007       -0.075311657       0.000644         Has wood roof      004       -0.053284238       0.000230         Has calamine/cement fibre roof       .004       0.074197741       -0.026554		.006	0.060351021	-0.000533136		
Persons per sleeping rooms        040         0.043968003         0.064793           Has earth/sand floor        026         -0.079422809         0.008391           Has wood floor        025         -0.038869694         0.015459           Has palm/bamboo floor        033         -0.101698238         0.010461           Has parquet/polished wood floor        014         -0.028694406         0.006855           Has ceramic tile floor         .063         0.164625565         -0.024025           Has ceramit floor         .032         0.062257065         -0.01602           Has thatch/palm leaf roof        039         -0.101141283         0.014953           Has wood plank roof        007         -0.075311657         0.000644           Has metal roof        004         -0.053284238         0.000230           Has calamine/cement fibre roof         .004         0.074197741         -0.026554	Has flush to pit latrine toilet-shared	.001	0.008095159	-0.000110171		
Has earth/sand floor      026       -0.079422809       0.008391         Has wood floor      025       -0.038869694       0.015459         Has palm/bamboo floor      033       -0.101698238       0.010461         Has parquet/polished wood floor      014       -0.028694406       0.006855         Has ceramic tile floor       .063       0.164625565       -0.024025         Has ceramic tile floor       .032       0.062257065       -0.01602         Has thatch/palm leaf roof       .039       -0.101141283       0.014953         Has wood plank roof      007       -0.075311657       0.000644         Has wood roof      004       -0.053284238       0.000230         Has ceramic tile roof       .004       0.074197741       -0.026554	Persons per sleeping rooms	040	0.043968003	0.064793467		
Has wood floor      025       -0.038869694       0.0154599         Has palm/bamboo floor      033       -0.101698238       0.010461         Has parquet/polished wood floor      014       -0.028694406       0.00685         Has ceramic tile floor       .063       0.164625565       -0.024025         Has ceramic tile floor       .032       0.062257065       -0.01602         Has thatch/palm leaf roof       .039       -0.101141283       0.014953         Has palm/bamboo roof      017       -0.099524279       0.002981         Has wood plank roof      007       -0.075311657       0.000644         Has wood roof      004       -0.053284238       0.000230         Has calamine/cement fibre roof       .044       0.074197741       -0.026554	Has earth/sand floor	026		0.008391211		
Has palm/bamboo floor        033         -0.101698238         0.010461           Has parquet/polished wood floor        014         -0.028694406         0.00685           Has ceramic tile floor         .063         0.164625565         -0.024025           Has ceramic tile floor         .032         0.062257065         -0.01602           Has thatch/palm leaf roof        039         -0.101141283         0.014953           Has palm/bamboo roof        017         -0.099524279         0.002981           Has wood plank roof        007         -0.075311657         0.000644           Has metal roof        005         -0.004261444         0.005352           Has wood roof        004         -0.053284238         0.000230           Has calamine/cement fibre roof         .004         0.074197741         -0.026554	Has wood floor	025		0.015459046		
Has parquet/polished wood floor        014         -0.028694406         0.00685           Has ceramic tile floor         .063         0.164625565         -0.024025           Has ceramic tile floor         .032         0.062257065         -0.01602           Has thatch/palm leaf roof         .039         -0.101141283         0.014953           Has wood plank roof        007         -0.075311657         0.000644           Has wood roof        004         -0.053284238         0.000230           Has ceramic tile roof         .004         0.074197741         -0.026554	Has palm/bamboo floor	033		0.010461581		
Has ceramic tile floor         .063         0.164625565         -0.024025           Has cement floor         .032         0.062257065         -0.01602           Has thatch/palm leaf roof         .039         -0.101141283         0.014953           Has palm/bamboo roof         .017         -0.099524279         0.002981           Has wood plank roof         .007         -0.075311657         0.000644           Has metal roof         .004         -0.053284238         0.000230           Has calamine/cement fibre roof         .004         0.074197741         -0.026554           Has ceramic tile roof         .001         0.047323313         -3.015826	Has parquet/polished wood floor	014		0.00685186		
Has cement floor         .032         0.062257065         -0.01602           Has thatch/palm leaf roof        039         -0.101141283         0.014953           Has palm/bamboo roof        017         -0.099524279         0.002981           Has wood plank roof        007         -0.075311657         0.000644           Has metal roof        005         -0.004261444         0.005352           Has wood roof        004         -0.053284238         0.000230           Has calamine/cement fibre roof         .004         0.074197741         -0.026554           Has ceramic tile roof         .001         0.047323313         -3.015826	Has ceramic tile floor			-0.024025838		
Has thatch/palm leaf roof      039       -0.101141283       0.014953         Has palm/bamboo roof      017       -0.099524279       0.002981         Has wood plank roof      007       -0.075311657       0.000644         Has metal roof      005       -0.004261444       0.005352         Has wood roof      004       -0.053284238       0.000230         Has calamine/cement fibre roof       .044       0.074197741       -0.026554         Has ceramic tile roof       .001       0.047323313       -3.015826	Has cement floor			-0.01602974		
Has palm/bamboo roof        017         -0.099524279         0.002981           Has wood plank roof        007         -0.075311657         0.000644           Has metal roof        005         -0.004261444         0.005352           Has wood roof        004         -0.053284238         0.000230           Has calamine/cement fibre roof         .044         0.074197741         -0.026554           Has ceramic tile roof         .001         0.047323313         -3.015826	Has thatch/palm leaf roof					
Has wood plank roof        007         -0.075311657         0.000644           Has metal roof        005         -0.004261444         0.005352           Has wood roof        004         -0.053284238         0.000230           Has calamine/cement fibre roof         .004         0.074197741         -0.026554           Has ceramic tile roof         .001         0.047323313         -3.015826						
Has metal roof        005         -0.004261444         0.005352           Has wood roof        004         -0.053284238         0.000230           Has calamine/cement fibre roof         .044         0.074197741         -0.026554           Has ceramic tile roof         .001         0.047323313         -3.015826	•					
Has wood roof        004         -0.053284238         0.000230           Has calamine/cement fibre roof         .044         0.074197741         -0.026554           Has ceramic tile roof         .001         0.047323313         -3.015826				0.005352317		
Has calamine/cement fibre roof         .044         0.074197741         -0.026554           Has ceramic tile roof         .001         0.047323313         -3.015828						
Has ceramic tile roof         .001         0.047323313         -3.015826						
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Instrumental         Use         Use <t< th=""><th>Has no wall</th><th>.00</th><th>.027</th><th>18843</th><th>5</th><th>Has no wall</th><th>002</th><th>-0.073553108</th><th>5.47038E-05</th></t<>	Has no wall	.00	.027	18843	5	Has no wall	002	-0.073553108	5.47038E-05
nes dri wall0.000.00104.635Ha dri wall000.06.63.045.3120.000.137691Hes privad word wall0.010.00106.645Has privad word wall0050.005340670.00330016Hes privad word wall0.010.010.000.0005176310.003300160.00330016Hes barbon twi wall0.010.010.003300160.003300160.00330016Hes barbon twi hird wall0.10.010.003300160.00330016Hes barbon twi hird wall0.21.641.64.50.0005177630.00330016Hes barbon twi hird wall0.21.641.64.50.0005177630.00330016Hes strik wall0.21.641.64.50.0005176310.0033478350.001916324Hes strik wall0.21.64.71.66.5Has strik wall0.20.1423240780.01323778350.001916324Hes strik wall0.21.111.96.51.96.5Has strik wall0.000.0132778350.001916324Hes strik wall0.21.111.96.51.96.5Has strik wall0.000.0132778350.00191735Hes strik wall0.31.111.96.51.96.5Has strik wall0.000.0132778350.00191735Hes strik wall0.30.031.96.51.96.5Has strik wall0.000.0132778350.00191735Hes strik wall0.30.031.96.51.96.5Has strik wall0.000.01272224Hes									
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Instruction word will will will will will will will wil	Has plywood wall				-	Has plywood wall			
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Hist hardbocklimboo with dy leaf wall         0.07         1884         6         Hist hardbocklimboo with dy leaf         0.07         0.089916835         0.00057423           Hist hardbocklimboo with molecoment wall         24         4.77         18843         6         Hist hardbocklimboo with molecoment wall         0.02         0.0778494414         0.0253947355           Hist store with imnolecoment wall         0.05         1.46         18845         6         Hist store with imnolecoment wall         0.05         0.012613462         0.0003420125         0.00191306           Has back wall         0.05         1.77         16845         6         Hist store with imnolecoment wall         0.05         0.022726325         0.00191306           Household fuel type: netrating sa         0.05         1.881         7         Household fuel type: netrating sa         0.06         0.02272622         0.02272622         0.02272612         0.00202294         0.02278102         0.00202294         0.02272612         0.00202294         0.02278102         0.0020294         0.02278102         0.00202294         0.02278102         0.00202944         0.005119071         0.00002094         0.00191307         0.00002094         0.00191307         0.00002094         0.00191307         0.00002094         0.00191612617         0.0061376307         0.0000202					5				
bit         O         O/B         O/B         O/B         O/B         O/D					5			0.074010755	0.005550510
Hase comment wall         Product Prod Product Prod Product Product Product Product Prod Product Produ		.01	.078	18843	5	wall	007	-0.089916836	0.000547453
Has store with imrocomont wall         0.0         149         189.45         6         Has store with imrocomont wall         0.22         0.14923402         0.003486019           Has brick wall         0.3         168         168         168         6         Has brick wall         0.1         0.063718526         -0.001316524           Has scener thock wall         0.3         487         16843         5         Has score thock wall         0.06         0.022240798         0.0119306           Household fuel ype: electricity         0.01         1119         18843         5         Has wood pain/kingle wall         -0.01         0.022240798         0.0146555           Household fuel ype: electricity         0.0         0.03         18843         7         Household fuel ype: reatural gas         0.00         0.021378102         -0.000020944           Household fuel ype: charcal         116         370         18843         7         Household fuel ype: charcal         0.44         0.00114418         -0.022578022           Household fuel ype: charcal         116         370         18843         7         Household fuel ype: wood         -0.68         -0.022633440         0.116711763           Household fuel ype: charcal         116         380         18843         7 <td>Has bamboo lattice wall</td> <td>.24</td> <td>.427</td> <td>18843</td> <td>5</td> <td>Has bamboo lattice wall</td> <td>042</td> <td>-0.074849414</td> <td>0.023594575</td>	Has bamboo lattice wall	.24	.427	18843	5	Has bamboo lattice wall	042	-0.074849414	0.023594575
Has brick wall         Col         Occose/Col	Has cement wall	.21	.405	18843	5		.064	0.126019496	-0.032847885
Hase canner block wall         Dos         0.03277693         0.001091306           Has wood plank/shingle wall         38         4.47         18843         5         Has wood plank/shingle wall         0.06         0.03277693         0.011091306           Household fuel type: electricity         0.1         119         18843         7         Household fuel type: electricity         0.22         0.185792092         0.002222218           Household fuel type: electricity         0.23         0.035         18843         7         Household fuel type: electricity         0.22         0.12725208         0.0002701518           Household fuel type: natural gas         0.00         0.035         18843         7         Household fuel type: relogas         0.07         0.224714024         0.0002701518           Household fuel type: claritype: clar		.02	.149	18843	5		.023	0.14923402	-0.003486019
Has wood plankshingle will         39         457         18843         5         Has wood plankshingle will         -018         0.022240793         0.0214553           Household fuel type: electricity         0.1         1.118         18843         7         Household fuel type: electricity         0.22         0.18752002         -0.002722228           Household fuel type: LPG         0.1         1.111         18843         7         Household fuel type: atural gas         0.00         0.02131818           Household fuel type: toigas         0.00         0.055         18843         7         Household fuel type: coalignite         0.00         0.0221240793         0.00202194           Household fuel type: toigas         0.00         0.55         18843         7         Household fuel type: coalignite         0.00         0.00319477           Household fuel type: wood         .60         3.88         18843         7         Household fuel type: wood         .668         0.0116711763           Household fuel type: wood         .60         0.025         18843         7         Household fuel type: wood         .668         0.03396373         0.009372278           Household fuel type: no food cocked         .00         0.025         18843         1         Household fue: type:         0.0010	Has brick wall	.03	.168	18843	5		.011	0.063718526	-0.001916294
Household fuel type:         Inst.         1139         11843         7         Household fuel type: IdeG         0.02         0.185792092         0.002722228           Household fuel type:         0.03         1.111         18843         7         Household fuel type: IdeG         0.02         0.2185702092         0.002722228           Household fuel type:         0.03         18843         7         Household fuel type: biogas         0.00         0.0221351012         0.000227924           Household fuel type:         0.03         18843         7         Household fuel type: biogas         0.07         0.224714024         0.000203947           Household fuel type: cavilignine         0.06         0.05         18843         7         Household fuel type: wood        668         -0.02633404         0.116701763           Household fuel type:         1.68         3.38         18843         7         Household fuel type: wood        668         -0.02633402         0.010317625         3.28761E-06           Household fuel type:         0.07         1.8843         7         Household fuel type: wood        668         0.0283348         0.010317625         3.28761E-06           Household fuel type: strawfibruidgrass         0.00         0.0755         1.8843         4         Ho	Has cement block wall	.03	.177	18843	5		.006	0.032776935	-0.001091306
Household fuel type: LPG         D1         111         18843         7         Household fuel type: natural gas         0.02         0.24760053         0.003128188           Household fuel type: natural gas         0.03         18843         7         Household fuel type: natural gas         0.08         0.221351012         0.00020294           Household fuel type: charcas         1.6         370         18843         7         Household fuel type: charcas         0.04         0.000319677         0.000319677           Household fuel type: charcas         1.6         370         18843         7         Household fuel type: wood         0.06         0.001317625         3.28761E-06           Household fuel type: no food cooked         0.0         0.02         18843         7         Household fuel type: wood         0.06         0.010317625         3.28761E-06           Household fuel type: no food cooked         0.0         0.02         18843         7         Household fuel type: wood         0.06         0.010317625         3.28761E-06           Household fuel type: no food cooked         0.0         0.05         18843         7         Household has: radio         0.00         0.013737625         3.28761E-06           Household fuel type: no food cooked         0.0         0.25         18843		.39	.487	18843	5		018	-0.023240798	0.014655
Household fuel type: natural gas         0.0         0.33         18843         7         Household fuel type: natural gas         0.03         0.221351012         -0.000270615           Household fuel type: coallignite         0.0         0.030         18843         7         Household fuel type: coallignite         0.06         0.00319477           Household fuel type: coallignite         0.06         3.88         7         Household fuel type: coallignite         0.06         0.05519071         0.000319477           Household fuel type: coallignite         0.0         0.658         3.88         18843         7         Household fuel type: wood         0.056         0.022633404         0.116701763           Household fuel type: wood         0.00         0.25         18843         7         Household fuel type: no food cooked         0.02         0.07951037         5.06866E-05           Household fuel type: roaling the type: no food cooked         0.00         0.25         18843         10         Household has: radio         0.05         0.034396035         0.0072728361           Household has: television         66         4.76         18843         8         Household has: radio         0.06         0.07874381         0.016738347           Household has: television         66         4.76         <	Household fuel type: electricity	.01	.119	18843	7	Household fuel type: electricity	.022	0.185792092	-0.002722228
Household fuel type: biogas         0.07         0.224714024         -0.000202994           Household fuel type: coalignite         0.06         18843         7         Household fuel type: coalignite         0.06         0.055199071         -0.000219477           Household fuel type: coalignite         0.06         18843         7         Household fuel type: charcoal         0.44         0.100114418         -0.00013477           Household fuel type: wood         .068         -0.02863404         0.116701763           Household fuel type: wood         .068         -0.02863404         0.116701763           Household fuel type: no food cooked         0.0         0.05         18843         Fusehold fuel type: no food cooked         0.00         -0.028633404         0.116701763           Household fuel type: no food cooked         0.0         0.05         18843         Household has: electricity         .058         0.004396035         -0.097228361           Household has: radio         2.9         .453         18843         Household has: electricity         .058         0.043396035         -0.097228361           Household has: rolevioln         .65         .476         18843         Household has: electricity         .058         0.078754381         -0.063393462           Household has: rolevioln has: rolevioln	Household fuel type: LPG	.01	.111	18843	7	Household fuel type: LPG	.028	0.247606053	-0.003128188
Household fuel type: caal/lignile         no         nos         18843         7         Household fuel type: caal/lignile         noss         1.0005	Household fuel type: natural gas	.00	.035	18843	7	Household fuel type: natural gas	.008	0.221351012	-0.000270615
Household fuel type: charcoal         16         370         18843         7         Household fuel type: charcoal         0.04         0.100114418         -0.019570072           Household fuel type: wood         .60         .388         18843         7         Household fuel type: wood         .668         .022633404         0.116701763           Household fuel type: no food cooked         .00         .025         18843         7         Household fuel type: no food cooked         .002         .079510375         .5.06866F.05           Household has: electricity         .74         .439         18843         7         Household has: electricity         .068         .0.034396035         .0.09322178           Household has: redevision         .66         .476         18843         10         Household has: radio         .006         .0.048235773         .0.0932178           Household has: rodio         .66         .476         18843         8         Household has: radio         .066         .0.04823773         .0.0932173         .0.0932173           Household has: rodio         .66         .476         18843         8         Household has: rodio         .066         .0.126459882         .0.022660397           Household has: rodio         .16         .380         18843	Household fuel type: biogas	.00	.030	18843	7	Household fuel type: biogas	.007	0.224714024	-0.000202994
Household fuel type: wood	Household fuel type: coal/lignite	.00	.058	18843	7	Household fuel type: coal/lignite	.006	0.095199071	-0.000319477
Household fuel type: straw/shrub/grass           Household fuel type:	Household fuel type: charcoal	.16	.370	18843	7	Household fuel type: charcoal	.044	0.100114418	-0.019578072
Household fuel type: no food cooked         0.00         0.078         18843         7         Household fuel type: no food cooked         0.00         0.01317625         3.28761E-06           Household fuel type: no food cooked         0.00         0.025         18843         7         Household fuel type: no food cooked         0.002         0.079510375         -5.06866E-05           Household has: radio         2.9         4.53         18843         4         Household has: radio         0.069         0.014746992         -0.090322178           Household has: radio         .66         .476         18843         4         Household has: radio         .066         0.048235773         -0.090372178           Household has: ride         .16         .380         18843         6         Household has: ride         .066         0.078754381         -0.016738347           Household has: ridge         .18         .388         18843         8         Household has: ridge         .076         0.012151773         -0.00339462           Household has: settlee         .18         .333         18843         8         Household has: radio         .071         0.068081617         -0.07425055           Household has: water pump         .21         .404         18843         8         Househ	Household fuel type: wood	.80	.398	18843	7	Household fuel type: wood	058	-0.028633404	0.116701763
Household fuel type: no food cooked         0.0         0.25         18843         7         Household has: lelectricity         0.02         0.079510375         5.26866E-05           Household has: electricity         2.29         4.53         18843         4         Household has: radio         0.00         0.043396035         0.097228361           Household has: radio         2.29         4.53         18843         4         Household has: radio         0.009         0.014746992         -0.005963679           Household has: radio         6.65         4.76         18843         4         Household has: radio         0.066         0.048235773         -0.003072178           Household has: ron-mobile telephone         .18         3.80         18843         8         Household has: ron-mobile telephone         0.066         0.078754381         -0.016738347           Household has: ron-mobile telephone         .18         .388         18843         8         Household has: fan         0.071         0.068081617         -0.073839462           Household has: settere         .13         .334         18843         4         Household has: settere         .065         0.169459062         -0.02896393           Household has: water pump         .21         .404         18843         5	Household fuel type: straw/shrub/grass	.00	.018	18843	7		.000	0.040047605	2 207645 06
Household has:         1.00         0.02         1.002         0.002         0.0029510375         5.56866E-05           Household has:         electricity         .058         0.034396035         -0.097228361           Household has:         radio         .009         0.014746992         -0.00563679           Household has:         radio         .009         0.014746992         -0.0097228361           Household has:         radio         .009         0.01474592         -0.009372178           Household has:         riewision         .066         0.048235773         -0.090372178           Household has:         riewision         .066         0.048235773         -0.063393462           Household has:         ringe         .41         .492         18843         Household has:         .016738347           Household has:         ringe         .41         .492         18843         Household has:         .006         0.126459882         -0.02860397           Household has:         ringe         .13         .334         18843         Household has:         .665         0.169459062         -0.024799139           Household has:         atter         .182         18843         Household has:         .0065         0.169459062	Household fuel type: no food cooked					0		-0.010317625	3.28/61E-06
Household has: radio $29$ $453$ $18843$ $10$ Household has: radio $.009$ $0.014746992$ $-0.005963679$ Household has: television $.66$ $.476$ $18843$ $4$ Household has: relevision $.066$ $0.048235773$ $-0.090372178$ Household has: non-mobile telephone $.18$ $.380$ $18843$ $6$ Household has: ron-mobile telephone $.036$ $0.078754381$ $-0.016738347$ Household has: fidge $.41$ $.492$ $18843$ $8$ Household has: ron-mobile telephone $.066$ $0.0285733$ $-0.06393462$ Household has: fidge $.18$ $.388$ $18843$ $8$ Household has: ron-mobile telephone $.066$ $0.02649822$ $-0.028660397$ Household has: stele $.18$ $.388$ $18843$ $8$ Household has: fan $.071$ $0.068081617$ $-0.074255055$ Household has: water pump $.21$ $.499$ $18843$ $9$ Household has: stele $.066$ $0.164499062$ $-0.024799139$ Household has: ari conditioner $.03$ $.03122$ $18843$ $9$ Household has: water pump $.041$ $0.081264545$ $-0.020893395$ Household has: wathing machine $.10$ $.297$ $18843$ $9$ Household has: CD/DVD player $.066$ $0.18443062$ $-0.02055087$ Household has: col/DVD player $.48$ $.499$ $18843$ $9$ Household has: CD/DVD player $.065$ $0.06109218$ $-0.056364958$ Household member owns: watch $.26$ $.439$ $18843$	nousenoid idei type. no iood cooked	.00	.025	18843	7	nousenoid idei type. no tood cooked	.002	0.079510375	-5.06866E-05
Household has: television        65        476         18843         4         Household has: television        66         0.048235773         -0.090372178           Household has: non-mobile telephone        18        380         18843         5         Household has: non-mobile telephone        36         0.078754381         -0.016738347           Household has: findge        41        492         18843         8         Household has: findge        66         0.0126459882         -0.02860397           Household has: stete        52        499         18843         8         Household has: clock        60         0.126459882         -0.02860397           Household has: stete        52        499         18843         4         Household has: stete        65         0.16945962         -0.024795139           Household has: stete        53        63        82         18843         4         Household has: water pump        64        624        628        628        628        628        628        628        628        628        628        628        628        628        628        628        628        628        628        628	Household has: electricity	.74	.439	18843	4	Household has: electricity	.058	0.034396035	-0.097228361
Household has: non-mobile telephone         18         380         18843         5         Household has: non-mobile telephone         0.016738347           Household has: fridge         41         4.92         18843         8         Household has: fridge         0.078754381         -0.016738347           Household has: clock         1.8         3.88         18843         8         Household has: clock         0.60         0.126459882         -0.02860397           Household has: settee         1.3         3.34         18843         4         Household has: settee         0.65         0.169459062         -0.024755055           Household has: water pump         21         4.04         18843         4         Household has: water pump         0.04         0.081264354         -0.02098359           Household has: water pump         21         4.04         18843         8         Household has: water pump         0.04         0.081264354         -0.02098359           Household has: water pump         21         4.04         18843         8         Household has: water pump         0.04         0.246617204         -0.008701745           Household has: water pump         1.0         2.97         18843         9         Household mas: cD/DVD player         0.66         0.0619218	Household has: radio	.29	.453	18843	10	Household has: radio	.009	0.014746992	-0.005963679
18       .380       18843       5       -0.056       0.078754381       -0.016738347         Household has: fridge       .41       .492       18843       8       Household has: fridge       .076       0.091251773       -0.063393462         Household has: clock       .18       .388       18843       8       Household has: clock       .060       0.12645982       -0.02860397         Household has: fan       .52       .499       18843       6       Household has: fan       .071       0.068081617       -0.072425055         Household has: water pump       .21       .404       18843       9       Household has: water pump       .041       0.081264545       -0.02089359         Household has: water pump       .21       .404       18843       9       Household has: water pump       .041       0.081264545       -0.020989359         Household has: cD/DVD player       .03       .182       18843       6       Household has: water pump       .041       0.081264545       -0.020989359         Household has: CD/DVD player       .10       .297       18843       6       Household has: CD/DVD player       .059       0.06109218       -0.020556087         Household member owns: watch       .26       .439       18843	Household has: television	.65	.476	18843	4	Household has: television	.066	0.048235773	-0.090372178
Household has: fridge         4.1         4.92         18843         8         Household has: fridge         0.076 34381         0.0018 34344           Household has: clock         1.18         3.88         18843         8         Household has: clock         0.66         0.126459882         -0.02860397           Household has: stan         5.2         4.99         18843         6         Household has: clock         0.66         0.126459882         -0.02860397           Household has: sette         1.3         3.34         18843         4         Household has: sette         0.66         0.169459062         -0.024799139           Household has: water pump         2.1         4.044         18843         9         Household has: sette         0.66         0.169459062         -0.024799139           Household has: water pump         2.1         4.044         18843         9         Household has: water pump         0.46         0.244617204         -0.008701745           Household has: cD/DVD player         4.88         4.99         18843         5         Household has: cD/DVD player         0.65         0.06109218         -0.026634958           Household member owns: watch         .26         .439         18843         2         Household member owns: watch         0.41 <td>Household has: non-mobile telephone</td> <td>18</td> <td>380</td> <td>18843</td> <td>5</td> <td>Household has: non-mobile telephone</td> <td>036</td> <td></td> <td></td>	Household has: non-mobile telephone	18	380	18843	5	Household has: non-mobile telephone	036		
Household has: clock       18       388       18843       8       Household has: clock       0.00       0.126459882       0.028660397         Household has: fan       .52       499       18843       6       Household has: clock       .060       0.126459882       -0.028660397         Household has: sette       .13       .334       18843       4       Household has: sette       .065       0.169459062       -0.024799139         Household has: water pump       .21       .404       18843       9       Household has: sette       .066       0.244617204       -0.00870745         Household has: air conditioner       .03       .182       18843       8       Household has: water pump       .041       0.081264545       -0.02089359         Household has: air conditioner       .03       .182       18843       8       Household has: water pump       .041       0.081264545       -0.02089359         Household has: cD/DVD player       .03       .182       18843       6       Household has: settee       .062       0.189430362       -0.02056087         Household member owns: watch       .26       .439       18843       9       Household member owns: watch       .041       0.0669876741       -0.02663458         Household member owns	Llaurahald baar fridaa				0	Llausshald beer frides			
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Household member owns: mobile phone.78.416188432Household member owns: mobile phone.0500.02655117-0.092868883Household member owns: bicycle.35.477188434Household member owns: bicycle.0400.055039131-0.029680388Household member owns: motorcycle/scooter.67.469188432Household member owns: motorcycle/scooter.0530.036860135-0.076266076Household member owns: animal drawn cart.11.308188436Household member owns: car/truck.0170.048718558-0.005770901Household member owns: car/truck.10.297188434Household member owns: car/truck.0550.165711138-0.018023317	Household has: CD/DVD player	.48	.499	18843	9	Household has: CD/DVD player	.059		
Household member owns: mobile phone.78.416188432Household member owns: mobile phone.0500.02655117-0.092868883Household member owns: bicycle.35.47718843.4Household member owns: bicycle.0400.055039131-0.029680388Household member owns:.67.46918843.2Household member owns:.0530.036860135-0.076266076Household member owns: animal drawn cart.11.30818843.6Household member owns: car/truck.0170.048718558-0.005770901Household member owns: boat with motor.04.20218843.2Household member owns: car/truck.0550.165711138-0.018023317	Household member owns: watch	.26	.439	18843	5	Household member owns: watch	.041	0.069876741	-0.024633458
Household member owns: bicycle.35.477188434Household member owns: bicycle.040.02033117-0.0292808883Household member owns: motorcycle/scooter.35.477188434Household member owns: bicycle.0400.055039131-0.029680388Household member owns: motorcycle/scooter.67.469188432Household member owns: motorcycle/scooter.0530.036860135-0.076266076Household member owns: animal drawn cart.11.308188436Household member owns: animal drawn cart.0170.048718558-0.005770901Household member owns: car/truck.10.297188434Household member owns: car/truck.0550.165711138-0.018023317	Household member owns: mobile phone		416	188/3	2	Household member owns: mobile	050		
Index and the second		.70	.410	10043	2		.030	0.02655117	-0.092868883
Household member owns: motorcycle/scooter.67.469188432Household member owns: motorcycle/scooter.0530.036860135-0.07626076Household member owns: animal drawn cart.11.308188436Household member owns: animal drawn cart.0170.048718558-0.005770901Household member owns: car/truck.10.297188434Household member owns: car/truck.0550.165711138-0.018023317Household member owns: boat with motor.04.202.18843.2Household member owns: boat with.008	Household member owns: bicycle	.35	.477	18843	4	Household member owns: bicycle	.040	0 055039131	-0 029680388
motorcycle/scooter.67.469188432motorcycle/scooter.0530.036860135-0.076266076Household member owns: animal drawn cart.11.308188436Household member owns: animal drawn cart.0170.048718558-0.005770901Household member owns: car/truck.10.297188434Household member owns: car/truck.0550.165711138-0.018023317Household member owns: boat with motor.04.202.18843.2Household member owns: boat with.008	Household member owns:					Household member owns:		0.055055151	0.029000300
cart       .11       .308       18843       6       drawn cart       .017       0.048718558       -0.005770901         Household member owns: car/truck       .10       .297       18843       4       Household member owns: car/truck       .055       0.165711138       -0.018023317         Household member owns: boat with motor       .04       .202       18843       2       Household member owns: boat with       .002	motorcycle/scooter	.67	.469	18843	2	motorcycle/scooter	.053	0.036860135	-0.076266076
Household member owns: boat with motor 04 202 18843 2 Household member owns: boat with motor 04 202 18843 2 Household member owns: boat with 000		.11	.308	18843	6		.017	0.040710550	0.005770001
.10         .297         18843         4         .055         0.165711138         -0.018023317           Household member owns: boat with motor         04         202         19843         2         Household member owns: boat with         008					-			0.048/18558	-0.005770901
		.10	.297	18843	4		.055	0.165711138	-0.018023317
motor 0.037289654 -0.001653552	Household member owns: boat with motor	04	202	18843	2		.008	0.00	
	1 I	.04	.202	100-0	-	motor		0.037289654	-0.001653552

Household member owns: Tuk Tuk	.01	.082	18843	4
Household member owns: Tak Tak	.29	.454	18843	4
Household member owns: camera	.06	.234	18843	5
Household member owns: computer	.06	.234	18843	5
Household owns dwelling	.98	.141	18843	9
Household rents dwelling	.01	.095	18843	9
Household owns bank account	.19	.395	18843	74

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

Household member owns: Tuk Tuk			
	.007	0.085257512	-0.000574063
Household member owns: Tak Tak	.011		
	.011	0.016762095	-0.006842413
Household member owns: camera	.051	0.005400506	0.040650040
		0.205438526	-0.012653948
Household member owns: computer	.052	0.209419385	-0.012886621
Household owns dwelling	011	-0.001519344	0.07358652
Household rents dwelling	.012	0.123210056	-0.00114224
Household owns bank account	.053	0.107258399	-0.025938167

Extraction Method: Principal Component Analysis. Component Scores.

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		Std.		
	Mean	Deviation <sup>a</sup>	Analysis N <sup>a</sup>	Missing N
Has water piped into dwelling	.12	.323	4730	0
Has water piped into yard/plot	.07	.254	4730	0
Has water piped to neighbor	.01	.075	4730	0
Has public tap/standpipe for water	.03	.167	4730	0
Has tubewell/borehole for water	.04	.198	4730	0
Has protected well for water	.05	.216	4730	0
Has unprotected well for water	.05	.224	4730	0
Has protected spring for water	.03	.159	4730	0
Has unprotected spring for water	.00	.065	4730	0
Has rainwater for water	.00	.054	4730	0
Has cart with small tank for water	.00	.021	4730	0
Has surface water	.01	.116	4730	0
Has bottled water	.59	.493	4730	0
Has flush to piped sewer system toilet	.02	.124	4730	2
Has flush to septic system toilet	.42	.493	4730	2
Has flush to pit latrine toilet	.42	.494	4730	2
Has vent improved pit latrine toilet	.00	.060	4730	2
Has pit latrine with slab toilet	.01	.071	4730	2
Has pit latrine without slab toilet	.01	.103	4730	2
Has composting toilet	.00	.015	4730	2
Has bucket toilet	.00	.041	4730	2
Has bush/field/none toilet	.08	.272	4730	2
Has flush to septic system toilet-shared	.02	.125	4730	0
Has flush to pit latrine toilet-shared	.02	.137	4730	0
Persons per sleeping rooms	2.3668	1.35636	4730	103
Has wood floor	.18	.384	4730	1
Has palm/bamboo floor	.03	.171	4730	1
Has parquet/polished wood floor	.09	.289	4730	1
Has ceramic tile floor	.32	.468	4730	1
Has cement floor	.33	.472	4730	1
Has thatch/palm leaf roof	.04	.191	4730	0
Has palm/bamboo roof	.00	.066	4730	0
Has wood plank roof	.00	.038	4730	0
Has metal roof	.54	.499	4730	0
Has wood roof	.00	.046	4730	0
Has calamine/cement fibre roof	.41	.492	4730	0
Has ceramic tile roof	.00	.032	4730	0
Has cement roof	.00	.056		0

	Component	Sum over	Sum over each variable		
	1	If has	If does not have		
Has water piped into dwelling	003	-0.007353157	0.00098747		
Has water piped into yard/plot	022	-0.080749013	0.00599703		
Has water piped to neighbor	010	-0.130159204	0.00074724		
Has public tap/standpipe for water	023	0 124252400	0 00204420		
Has tubewell/borehole for water	021	-0.134252408 -0.103294778	0.00394430 0.0044178		
Has protected well for water	017	-0.074923788	0.00386445		
Has unprotected well for water	027	-0.113541768	0.00636280		
Has protected spring for water	020	-0.124510069	0.00329649		
Has unprotected spring for water	010	-0.151787977	0.00064453		
Has rainwater for water	003	-0.063030975	0.00018711		
Has cart with small tank for water	005	-0.257567549	0.00010895		
Has surface water	014	-0.11746375	0.00161116		
Has bottled water	.063	0.052694274	-0.07440614		
Has flush to piped sewer system toilet		0.052054274	-0.07440014		
	.013	0.103018995	-0.00163803		
Has flush to septic system toilet	.055	0.064452076	-0.04647963		
Has flush to pit latrine toilet	022	-0.025878855	0.01902214		
Has vent improved pit latrine toilet	005	-0.082405548	0.00029736		
Has pit latrine with slab toilet	009	-0.126659468	0.00064622		
Has pit latrine without slab toilet	016	-0.153948608	0.00167872		
Has composting toilet	001	-0.065429163	1.38416E-0		
Has bucket toilet	005	-0.113527169	0.00019242		
Has bush/field/none toilet	047	-0.159458121	0.0139759		
Has flush to septic system toilet- shared	.000	0.003875343	-6.24384E-(		
Has flush to pit latrine toilet-shared	011	-0.076030493	0.00147472		
Persons per sleeping rooms	043	0.04380019	0.07584675		
Has wood floor	047	-0.100958803	0.02218645		
Has palm/bamboo floor	031	-0.175684227	0.00543866		
Has parquet/polished wood floor	025	-0.077966541	0.00789833		
Has ceramic tile floor	.078	0.112404112	-0.05386396		
Has cement floor	001	-0.001549349	0.00077664		
Has thatch/palm leaf roof	037	-0.184610844	0.00730328		
Has palm/bamboo roof	011	-0.165307244	0.00073719		
Has wood plank roof	006	-0.154438728	0.00022889		
Has metal roof	045	-0.041694584	0.04852288		
Has wood roof	004	-0.088682593	0.00018788		
Has calamine/cement fibre roof	.062	0.074402199	-0.05168966		
Has ceramic tile roof	.000	0.012360348	-1.30797E-0		
Has cement roof	.003	0.055746751	-0.00017734		

Has shingle roof	.00	.015	4730	0	Has shingle roof	.002	0.164677749	-3.4823E-05
Has cane wall	.00	.015	4730	1	Has cane wall	002	-0.14463045	3.05902E-05
Has dirt wall	.00	.032	4730	1	Has dirt wall			-1.4885E-06
Has plywood wall	.01	.071	4730	1	Has plywood wall			0.000329898
Has reused wood wall	.00	.060	4730	1	Has reused wood wall	007	-0.119724525	0.000431943
Has bamboo mat wall	.00	.154	4730	1	Has bamboo mat wall	023	-0.144025903	0.003589722
Has bamboo/bamboo wirth dry leaf wall	.00	.015	4730	1	Has bamboo/bamboo wirth dry leaf	003		
l las harshaa lattiga wall					wall		-0.191607812	4.05262E-05
Has bamboo lattice wall	.11	.309	4730	1	Has bamboo lattice wall	048	-0.137575323	0.016447807
Has cement wall	.46	.498	4730	1	Has cement wall	.071	0.077556537	-0.064821127
Has stone with lime/cement wall	.05	.212	4730	1	Has stone with lime/cement wall	.021	0.094187186	-0.004661283
Has brick wall	.05	.219	4730	1	Has brick wall	.001	0.002754554	-0.000146623
Has cement block wall	.03	.179	4730	1	Has cement block wall	008	-0.040614156	0.001394668
Has wood plank/shingle wall	.26	.439	4730	1	Has wood plank/shingle wall	042	-0.071100133	0.025186387
Household fuel type: electricity	.05	.219	4730	2	Household fuel type: electricity	.023	0.101378409	-0.005421305
Household fuel type: LPG	.04	.202	4730	2	Household fuel type: LPG	.035	0.167915883	-0.00745551
Household fuel type: natural gas	.00	.066	4730	2	Household fuel type: natural gas	.009	0.135007225	-0.000602327
Household fuel type: biogas	.00	.050	4730	2	Household fuel type: biogas	.008	0.157461096	-0.000400664
Household fuel type: coal/lignite	.01	.075	4730	2	Household fuel type: coal/lignite	.005	0.071479087	-0.000410537
Household fuel type: charcoal	.33	.470	4730	2	Household fuel type: charcoal	.037	0.052243018	-0.025651964
Household fuel type: wood	.56	.496	4730	2	Household fuel type: wood	062	-0.054951294	0.070560647
Household fuel type: straw/shrub/grass	.00	.025	4730	2	Household fuel type: straw/shrub/grass	003	-0.102681625	6.51947E-05
Household fuel type: no food cooked	.00	.041	4730	2	Household fuel type: no food cooked	.002	0.038579628	-6.53892E-05
Household has: electricity	.97	.164	4730	0	Household has: electricity	.033	0.005590256	-0.197809061
Household has: radio	.27	.444	4730	1	Household has: radio	.016	0.026843891	-0.009887811
Household has: television	.92	.279	4730	0	Household has: television	.051	0.01564159	-0.168858963
Household has: non-mobile telephone	.29	.452	4730	0	Household has: non-mobile telephone	.044	0.070123662	-0.028153352
Household has: fridge	.76	.429	4730	1	Household has: fridge	.073	0.041162213	-0.128546683
Household has: clock	.42	.429	4730	1	Household has: clock	.068	0.079381758	-0.058025392
Household has: fan	.42	.494	4730	1	Household has: fan	.061	0.026862779	-0.136420102
Household has: settee	.36	.480	4730	0	Household has: settee	.078	0.103559142	-0.058262709
Household has: water pump	.36	.439	4730	2	Household has: water pump	.015	0.02437202	-0.008638449
Household has: air conditioner				3	Household has: air conditioner			
Household has: washing machine	.12	.326	4730	2	Household has: washing machine	.063	0.170506601	-0.02342056
	.30	.457	4730	2		.076	0.117322948	-0.049655649
Household has: CD/DVD player	.71	.455	4730	2	Household has: CD/DVD player	.053	0.034336075	-0.083217121
Household member owns: watch	.43	.495	4730	2	Household member owns: watch	.056	0.0641799	-0.048498365
Household member owns: mobile phone	.95	.214	4730	2	Household member owns: mobile phone	.038	0.008559805	-0.169725466
Household member owns: bicycle	.48	.500	4730	3	Household member owns: bicycle	.029	0.030321918	-0.02808546
Household member owns: motorcycle/scooter	.88	.324	4730	2	Household member owns: motorcycle/scooter	.047	0.017403089	-0.128745765
Household member owns: animal drawn cart	.12	.330	4730	4	Household member owns: animal drawn cart	.006	0.01632672	-0.002324495
Household member owns: car/truck	.25	.433	4730	2	Household member owns: car/truck	.066	0.113608302	-0.037826728
Household member owns: boat with motor	.03	.166	4730	2	Household member owns: boat with motor	001	-0.005176221	0.000150983

Household member owns: Tuk Tuk	.02	.127	4730	3
Household member owns: Tak Tak	.18	.383	4730	3
Household member owns: camera	.19	.389	4730	2
Household member owns: computer	.19	.393	4730	2
Household owns dwelling	.95	.222	4730	4
Household rents dwelling	.03	.176	4730	4
Household owns agricultural land	1.15	2.656	4730	4
Household owns cattle milk cows or bulls	1.11	3.929	4730	0
Household owns buffalo	.38	1.575	4730	0
Household owns goats	.20	1.826	4730	0
Household owns sheep	.01	.583	4730	0
Household owns poultry	11.48	17.509	4730	16
Household owns pigs	.61	2.055	4730	0
Household owns horses donkeys mules	.00	.050	4730	0
Household owns bank account	.43	.493	4730	33

Household member owns: Tuk Tuk	I I		
Tiousenoid member owns. Tuk Tuk	.005	0.036048836	-0.000596938
Household member owns: Tak Tak	018		
	.010	-0.039143048	0.008495775
Household member owns: camera	.065	0.136650895	-0.031163503
Household member owns: computer	005		
	.065	0.134147481	-0.031712689
Household owns dwelling	004	-0.000946696	0.017240641
Household rents dwelling	.007	0.037054199	-0.001231359
Household owns agricultural land	.008		
	.000	-0.000458525	-0.003493522
Household owns cattle milk cows or bulls	.007	-0.000200242	-0.002025184
Household owns buffalo	008	-0.003289814	0.002033765
Household owns goats	.003	0.001158653	-0.000289281
Household owns sheep	.001	0.002352725	-3.43169E-05
Household owns poultry	.003	-0.001928672	-0.002112775
Household owns pigs	009	-0.001790207	0.002754977
Household owns horses donkeys	001		
mules	001	-0.02934079	3.7266E-05
Household owns bank account	.062	0.071559304	-0.053856387

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

Extraction Method: Principal Component Analysis. Component Scores.

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	Mean	Std. Deviation <sup>a</sup>	Analysis N <sup>a</sup>	Missing N	
Has water piped into dwelling	.03	.178	14113	1	Has water piped into dwelling
Has water piped into yard/plot	.04	.195	14113	1	Has water piped into yard/plo
Has water piped to neighbor	.01	.074	14113	1	Has water piped to neighbor
Has public tap/standpipe for water	.18	.387	14113	1	Has public tap/standpipe for
Has tubewell/borehole for water	.12	.330	14113	1	Has tubewell/borehole for wa
Has protected well for water	.05	.221	14113	1	Has protected well for water
Has unprotected well for water	.12	.330	14113	1	Has unprotected well for wat
Has protected spring for water	.14	.350	14113	1	Has protected spring for wate
Has unprotected spring for water	.03	.167	14113	1	Has unprotected spring for w
Has rainwater for water	.01	.116	14113	1	Has rainwater for water
Has cart with small tank for water	.00	.044	14113	1	Has cart with small tank for w
Has surface water	.11	.318	14113	1	Has surface water
Has bottled water	.13	.334	14113	1	Has bottled water
Has flush to piped sewer system toilet	.00	.035	14113	11	Has flush to piped sewer sys
Has flush to septic system toilet	.13	.334	14113	11	Has flush to septic system to
Has flush to pit latrine toilet	.34	.473	14113	11	Has flush to pit latrine toilet
Has vent improved pit latrine toilet	.00	.024	14113	11	Has vent improved pit latrine
Has pit latrine with slab toilet	.01	.087	14113	11	Has pit latrine with slab toilet
Has pit latrine without slab toilet	.03	.181	14113	11	Has pit latrine without slab to
Has composting toilet	.00	.047	14113	11	Has composting toilet
Has bucket toilet	.00	.046	14113	11	Has bucket toilet
Has bush/field/none toilet	.46	.499	14113	11	Has bush/field/none toilet
Has flush to septic system toilet-shared	.01	.080	14113	0	Has flush to septic system to
Has flush to pit latrine toilet-shared	.01	.107	14113	0	Has flush to pit latrine toilet-s
Persons per sleeping rooms	3.3646	2.00958	14113	516	Persons per sleeping rooms
Has earth/sand floor	.11	.319	14113	5	Has earth/sand floor
Has wood floor	.32	.466	14113	5	Has wood floor
Has palm/bamboo floor	.11	.318	14113	5	Has palm/bamboo floor
Has parquet/polished wood floor	.23	.419	14113	5	Has parquet/polished wood f
Has ceramic tile floor	.06	.240	14113	5	Has ceramic tile floor
Has cement floor	.16	.368	14113	5	Has cement floor
Has thatch/palm leaf roof	.16	.366	14113	1	Has thatch/palm leaf roof
Has palm/bamboo roof	.04	.190	14113	1	Has palm/bamboo roof
Has wood plank roof	.01	.104	14113	1	Has wood plank roof
Has metal roof	.56	.496	14113	1	Has metal roof
Has wood roof	.01	.071	14113	1	Has wood roof
Has calamine/cement fibre roof	.21	.410	14113	1	Has calamine/cement fibre re
Has ceramic tile roof	.00	.022	14113	1	Has ceramic tile roof
Has cement roof	.00	.022	14113	1	Has cement roof
Has shingle roof	.00	.022	14113	1	Has shingle roof
Has no wall	.00	.020	14113	4	Has no wall
Has cane wall	.00	.054	14113		Has cane wall

•	Component	Sum over	each variable
	1	If has	If does not have
Has water piped into dwelling	.007	0.037990464	-0.001288709
Has water piped into yard/plot	.003	0.013513383	-0.000557366
Has water piped to neighbor	002	-0.03262744	0.000181341
Has public tap/standpipe for water	027	-0.05663392	0.012700501
Has tubewell/borehole for water	.003	0.007435377	-0.001052573
Has protected well for water	.015	0.065215547	-0.003542152
Has unprotected well for water	.000	-0.00114123	0.000162082
Has protected spring for water	023	-0.05706573	0.009494446
Has unprotected spring for water	009	-0.0494266	0.001464118
Has rainwater for water	.011	0.093996746	-0.001303353
Has cart with small tank for water	003	-0.06730318	0.000129016
Has surface water	027	-0.07441544	0.009556308
Has bottled water	.066	0.171324613	-0.025175138
Has flush to piped sewer system toilet	.006	0.165733141	-0.000200033
Has flush to septic system toilet	.047	0.12378726	-0.018181505
Has flush to pit latrine toilet	.038	0.053517539	-0.027277273
Has vent improved pit latrine toilet	.000	0.017636443	-1.00108E-05
Has pit latrine with slab toilet	003	-0.03276757	0.000250527
Has pit latrine without slab toilet	013	-0.07196597	0.002524936
Has composting toilet	004	-0.07961387	0.000175398
Has bucket toilet	.000	-0.00823731	1.75611E-05
Has bush/field/none toilet	065	-0.06944613	0.060129069
Has flush to septic system toilet-shared	.007	0.084418087	-0.000541798
Has flush to pit latrine toilet-shared	.004	0.041601378	-0.000486095
Persons per sleeping rooms	041	0.04805262	0.068374204
Has earth/sand floor	030	-0.08412333	0.010897641
Has wood floor	015	-0.02230303	0.01047313
Has palm/bamboo floor	043	-0.12097712	0.015639002
Has parquet/polished wood floor	002	-0.00354449	0.001038139
Has ceramic tile floor	.058	0.227327244	-0.014885033
Has cement floor	.048	0.108464211	-0.020886008
Has thatch/palm leaf roof	051	-0.11611465	0.021989853
Has palm/bamboo roof	022	-0.11232549	0.004357419
Has wood plank roof	007	-0.0682637	0.000748216
Has metal roof	.016	0.013755549	-0.017726498
Has wood roof	003	-0.04540368	0.000229589
Has calamine/cement fibre roof	.040	0.077467411	-0.021154159
Has ceramic tile roof	.001	0.049083907	-2.43593E-05
Has cement roof	.002	0.105782631	-5.24976E-05
Has shingle roof	.000	0.016203017	-1.26398E-05

-.002

-.006

**Component Score Coefficient Matrix** 

-0.06170675

-0.10392225

6.12909E-05

0.000310282

Has dirt wall	.00	.054	14113	4	Has dirt wall	005	-0.08278247	0.000247165
Has plywood wall	.00	.054	14113	4	Has plywood wall	.005	0.011486632	-4.16715E-05
Has reused wood wall			14113	4	Has reused wood wall			
Has bamboo mat wall	.01 .05	.105	14113	4	Has bamboo mat wall	007	-0.06868312	0.000772882
Has bamboo/bamboo wirth dry leaf wall	.05	.215 .089		4	Has bamboo/bamboo wirth dry leaf wall	018	-0.08070264	0.004137055
Has bamboo lattice wall			14113	4	Has bamboo lattice wall	008	-0.08729353	0.000704785
Has cement wall	.28	.451	14113	4	Has cement wall	050	-0.07978914	0.031681796
Has stone with lime/cement wall	.12	.329	14113	4	Has stone with lime/cement wall	.066	0.17529754	-0.02469219
Has brick wall	.01	.120	14113	4	Has brick wall	.028	0.226148221	-0.003367334
Has cement block wall	.02	.147	14113	4	Has cement block wall	.015	0.101189936	-0.00228077
Has wood plank/shingle wall	.03	.176	14113	4	Has wood plank/shingle wall	.015	0.081508	-0.002685306
1 0	.43	.495	14113	4	Household fuel type: electricity	001	-0.00090183	0.000676626
Household fuel type: electricity	.00	.048	14113	5		.013	0.27186219	-0.000618044
Household fuel type: LPG	.00	.049	14113	5	Household fuel type: LPG	.020	0.409792704	-0.000989978
Household fuel type: natural gas	.00	.012	14113	5	Household fuel type: natural gas	.005	0.438147985	-6.21222E-05
Household fuel type: biogas	.00	.019	14113	5	Household fuel type: biogas	.006	0.33841885	-0.000119981
Household fuel type: coal/lignite	.00	.050	14113	5	Household fuel type: coal/lignite	.006	0.122320101	-0.000312928
Household fuel type: charcoal	.11	.310	14113	5	Household fuel type: charcoal	.048	0.138661632	-0.016792779
Household fuel type: wood	.88	.321	14113	5	Household fuel type: wood	053	-0.01932952	0.146850152
Household fuel type: straw/shrub/grass	.00	.015	14113	5	Household fuel type: straw/shrub/grass	.000	-0.01141973	2.42887E-06
Household fuel type: no food cooked	.00	.017	14113	5	Household fuel type: no food cooked	.000	-0.00617228	1.75051E-06
Household has: electricity	.66	.474	14113	4	Household has: electricity	.073	0.052151147	-0.101364507
Household has: radio	.29	.456	14113	9	Household has: radio	.017	0.02630907	-0.01096872
Household has: television	.56	.496	14113	4	Household has: television	.084	0.073695933	-0.095235979
Household has: non-mobile telephone	.14	.345	14113	5	Household has: non-mobile telephone	.034	0.084103581	-0.013465149
Household has: fridge	.29	.455	14113	7	Household has: fridge	.089	0.138591915	-0.057553119
Household has: clock	.11	.307	14113	7	Household has: clock	.056	0.162327132	-0.019070834
Household has: fan	.42	.493	14113	5	Household has: fan	.087	0.102879951	-0.073435689
Household has: settee	.05	.217	14113	4	Household has: settee	.056	0.246137418	-0.012887929
Household has: water pump	.19	.389	14113	6	Household has: water pump	.071	0.148803374	-0.034082947
Household has: air conditioner	.01	.073	14113	6	Household has: air conditioner	.026	0.356461696	-0.001930802
Household has: washing machine	.03	.173	14113	4	Household has: washing machine	.052	0.288165165	-0.009232415
Household has: CD/DVD player	.40	.490	14113	7	Household has: CD/DVD player	.071	0.085891224	-0.058087576
Household member owns: watch	.20	.403	14113	3	Household member owns: watch	.033	0.065577582	-0.01678109
Household member owns: mobile phone	.72	.449	14113	0	Household member owns: mobile phone	.062	0.03866035	-0.099051292
Household member owns: bicycle	.31	.461	14113	1	Household member owns: bicycle	.054	0.081697452	-0.036127223
Household member owns: motorcycle/scooter	.60	.489	14113	0	Household member owns: motorcycle/scooter	.064	0.054770004	0.070264006
Household member owns: animal drawn cart					Household member owns: animal drawn cart		0.051770391	-0.079261806
Household member owns, animal drawn cart	.10	.300	14113	2	Household member owns, animal drawn cart	.029	0.087978047	-0.009736099
Household member owns: car/truck	.05	.212	14113	2	Household member owns: car/truck	.049	0.218333805	-0.010832241
Household member owns: boat with motor				0	Household member owns: boat with motor			
	.05	.212	14113	0		.021	0.095245141	-0.00471728
Household member owns: Tuk Tuk	.00	.059	14113	1	Household member owns: Tuk Tuk	.004	0.067626469	-0.000235632
Household member owns: Tak Tak	.33	.469	14113	1	Household member owns: Tak Tak	.048	0.069403942	-0.033758943
Household member owns: camera	.02	.122	14113	3	Household member owns: camera	.034	0.271305789	-0.004197967
Household member owns: computer	.01	.115	14113	3	Household member owns: computer	.036	0.30801469	-0.004159371
Household owns dwelling	.99	.097	14113	5	Household owns dwelling	002	-0.00015612	0.016159049
Household rents dwelling	.00	.039	14113	5	Household rents dwelling	.001	0.019128301	-2.85152E-05
Household owns agricultural land	1.59	2.049	14113	22	Household owns agricultural land	.027	-0.00791221	-0.02125482
Household owns cattle milk cows or bulls	1.69	3.861	14113	0	Household owns cattle milk cows or bulls	.030	-0.00540121	-0.013253223
	- '		•	-	-	- •		

Household owns buffalo	.88	2.122	14113	0	
Household owns goats	.22	1.377	14113	0	
Household owns sheep	.02	.833	14113	0	
Household owns poultry	12.62	15.887	14113	23	
Household owns pigs	1.39	2.656	14113	0	
Household owns horses donkeys mules	.01	.170	14113	0	
Household owns bank account	.12	.320	14113	41	

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

Household owns buffalo	.009	0.000514291	-0.003703136
Household owns goats	.002	0.001407463	-0.000395362
Household owns sheep	.000	-0.0005333	1.1149E-05
Household owns poultry	.036	-0.02663309	-0.028924503
Household owns pigs	008	0.001194819	0.00428036
Household owns horses donkeys mules	002	-0.01447562	0.000123096
Household owns bank account	.042	0.114675615	-0.015106857

Extraction Method: Principal Component Analysis. Component Scores.

## Urban Area

	Coefficients <sup>a</sup>										
		Unstanda Coeffic		Standardized Coefficients							
Model		В	Std. Error	Beta	t	Sig.					
1	(Constant)	.944	.002		561.918	.000					
	Urban wealth score	.986	.002	.993	586.860	.000					

a. Dependent Variable: Common wealth score

#### Combined Score= .944 + .986 \* Urban Score

#### Rural

	Coefficients <sup>a</sup>											
		Unstanda Coeffic		Standardized Coefficients								
Model		В	Std. Error	Beta	t	Sig.						
1	(Constant)	317	.001		-464.849	.000						
	Rural wealth score	.774	.001	.995	1136.548	.000						

a. Dependent Variable: Common wealth score

#### Combined Score= -.317 + .774 \* Rural Score

### **Combined Score**

#### Statistics Wealth index score Valid 97421 Ν Missing 0 Mean .0838728 Median -.0980715 Std. Deviation 1.03659972 Minimum -1.70013 Maximum 3.81983 Percentiles -.8687262 20 40 -.3686314 .2057685 60 80 .9509976

# histrogram



Cases weighted by HH members weight for Index

			Report			
			Wealth ind	ex quintile		
	Poorest	Second	Middle	Fourth	Richest	Total
	Mean	Mean	Mean	Mean	Mean	Mean
Has water piped into dwelling	.01	.03	.06	.06	.09	.05
Has water piped into yard/plot	.03	.04	.06	.05	.02	.04
Has water piped to neighbor	.01	.01	.01	.00	.00	.00

Has public						
tap/standpi pe for water	.26	.22	.14	.04	.00	.13
Has tubewell/bo rehole for water	.10	.13	.16	.11	.03	.11
Has protected well for water	.01	.04	.07	.10	.03	.05
Has unprotected well for water	.12	.20	.19	.11	.02	.13
Has protected spring for water	.17	.12	.08	.03	.00	.08
Has unprotected spring for water	.04	.03	.02	.01	.00	.02
Has rainwater for water	.00	.01	.02	.03	.01	.01
Has cart with small tank for water	.00	.00	.00	.00	.00	.00
Has surface water	.24	.13	.08	.04	.00	.10
Has bottled water	.00	.02	.10	.40	.79	.26
Has flush to piped sewer system toilet	.00	.00	.00	.00	.02	.00
Has flush to septic system toilet	.01	.05	.14	.31	.58	.22
Has flush to pit latrine toilet	.10	.27	.42	.54	.37	.34
Has vent improved pit latrine toilet	.00	.00	.00	.00	.00	.00

Has pit latrine with slab toilet	.01	.01	.01	.00	.00	.01
Has pit latrine without slab toilet	.05	.04	.02	.00	.00	.02
Has composting toilet	.00	.00	.00	.00	.00	.00
Has bucket toilet	.00	.00	.00	.00	.00	.00
Has bush/field/n one toilet	.82	.61	.37	.10	.00	.38
Has flush to septic system toilet- shared	.00	.00	.01	.02	.01	.01
Has flush to pit latrine toilet- shared	.00	.01	.02	.02	.01	.01
Persons per sleeping rooms	4.8232	3.9496	3.4342	2.8617	2.1673	3.4441
Has earth/sand floor	.26	.18	.07	.03	.00	.11
Has wood floor	.28	.42	.42	.24	.03	.28
Has palm/bamb oo floor	.30	.06	.02	.00	.00	.08
Has parquet/poli shed wood floor	.16	.29	.30	.19	.03	.19
Has ceramic tile floor	.00	.00	.01	.10	.59	.14
Has cement floor	.00	.05	.19	.44	.35	.21
Has thatch/palm leaf roof	.42	.12	.04	.00	.00	.12
Has palm/bamb oo roof	.09	.03	.01	.00	.00	.03
Has wood plank roof	.02	.02	.01	.00	.00	.01

Has metal roof	.39	.63	.72	.70	.38	.56	
Has wood roof	.01	.01	.00	.00	.00	.01	
Has calamine/c ement fibre roof	.06	.19	.22	.29	.62	.27	
Has ceramic tile roof	.00	.00	.00	.00	.00	.00	
Has cement roof	.00	.00	.00	.00	.00	.00	
Has shingle roof	.00	.00	.00	.00	.00	.00	
Has no wall	.00	.00	.00	.00	.00	.00	
Has cane wall	.01	.00	.00	.00	.00	.00	
Has dirt wall	.01	.00	.00	.00	.00	.00	
Has plywood wall	.00	.00	.01	.00	.00	.00	
Has reused wood wall	.02	.02	.01	.00	.00	.01	
Has bamboo mat wall Has	.10	.06	.04	.01	.00	.04	
bamboo/ba mboo wirth dry leaf wall	.02	.01	.00	.00	.00	.01	
Has bamboo lattice wall	.55	.32	.19	.06	.00	.23	
Has cement wall	.00	.01	.07	.29	.73	.22	
Has stone with lime/cemen t wall	.00	.00	.00	.03	.10	.03	
Has brick wall	.00	.01	.02	.06	.05	.03	
Has cement block wall	.00	.01	.05	.09	.02	.03	
Has wood plank/shingl e wall	.27	.55	.60	.45	.09	.39	

Household fuel type: electricity	.00	.00	.00	.01	.08	.02	
Household fuel type: LPG	.00	.00	.00	.00	.08	.02	
Household fuel type: natural gas	.00	.00	.00	.00	.01	.00	
Household fuel type: biogas	.00	.00	.00	.00	.00	.00	
Household fuel type: coal/lignite	.00	.00	.00	.01	.01	.00	
Household fuel type: charcoal	.01	.05	.12	.32	.53	.20	
Household fuel type: wood	.99	.95	.88	.67	.30	.76	
Household fuel type: straw/shrub /grass	.00	.00	.00	.00	.00	.00	
Household fuel type: no food cooked	.00	.00	.00	.00	.00	.00	
Household has: electricity	.18	.61	.92	.99	1.00	.74	
Household has: radio	.25	.34	.35	.35	.38	.33	
Household has: television Household	.05	.45	.90	.98	.99	.67	
has: non- mobile telephone	.03	.12	.17	.19	.42	.19	
Household has: fridge	.00	.03	.34	.84	.99	.44	

Household has: clock	.00	.02	.08	.23	.66	.20
Household has: fan	.01	.19	.66	.93	.99	.56
Household has: settee	.00	.00	.01	.08	.62	.14
Household has: water pump	.00	.03	.20	.48	.46	.23
Household has: air conditioner	.00	.00	.00	.00	.23	.05
Household has: washing machine	.00	.00	.00	.03	.54	.11
Household has: CD/DVD player	.03	.26	.56	.72	.89	.49
Household member owns: watch	.10	.17	.19	.30	.65	.28
Household member owns: mobile	.36	.76	.92	.98	1.00	.80
phone Household member owns: bicycle	.07	.24	.41	.57	.64	.39
Household member owns: motorcycle/	.25	.61	.81	.93	.99	.72
scooter Household member owns: animal drawn cort	.02	.07	.11	.18	.18	.11
drawn cart Household member owns: car/truck	.00	.01	.03	.07	.49	.12
Household member owns: boat with motor	.01	.02	.04	.08	.05	.04

Household member owns: Tuk Tuk	.00	.00	.00	.01	.02	.01
Household member owns: Tak Tak	.09	.33	.47	.54	.26	.34
Household member owns: camera	.00	.00	.00	.02	.34	.07
Household member owns: computer	.00	.00	.00	.02	.34	.07
Household owns dwelling	.99	.99	.99	.98	.96	.98
Household rents dwelling	.00	.00	.00	.01	.02	.01
Household owns agricultural land	1.19	1.56	1.74	1.87	1.73	1.62
Household owns cattle milk cows or bulls	.88	1.73	2.02	2.57	2.11	1.86
Household owns buffalo	.62	1.13	1.12	.95	.44	.85
Household owns goats	.22	.33	.27	.22	.35	.28
Household owns sheep	.02	.02	.01	.02	.03	.02
Household owns poultry	7.69	11.64	13.49	16.80	14.53	12.82
Household owns pigs	1.59	1.85	1.34	.86	.57	1.24
Household owns horses donkeys mules	.01	.01	.01	.00	.00	.01
Household owns bank account	.03	.06	.10	.22	.62	.20