

## Component Score Coefficient Matrix

| Descriptive Statistics   |      |                             |                         |           | Component |               | Sum over each variable |                  |
|--|------|-----------------------------|-------------------------|-----------|-----------|---------------|------------------------|------------------|
|  | Mean | Std. Deviation <sup>a</sup> | Analysis N <sup>b</sup> | Missing N | 1         |               | If has                 | If does not have |
| QH101_11 Source of drinking water: Piped into dwelling   | .14  | .351                        | 15705                   | 0         | .034      | 0.0832166863  | -0.0139880782          |                  |
| QH101_12 Source of drinking water: Piped to yard/plot  | .11  | .307                        | 15705                   | 0         | .027      | 0.0798713653  | -0.0094083352          |                  |
| QH101_13 Source of drinking water: Piped to neighbor   | .12  | .329                        | 15705                   | 0         | .007      | 0.0178890422  | -0.0025138197          |                  |
| QH101_14 Source of drinking water: Public tap/standpipe  | .18  | .380                        | 15705                   | 0         | -.015     | -0.0322974284 | 0.0068770474           |                  |
| QH101_21 Source of drinking water: Tube well or borehole   | .05  | .211                        | 15705                   | 0         | -.003     | -0.0136545680 | 0.0006694578           |                  |
| QH101_31 Source of drinking water: Protected well  | .11  | .307                        | 15705                   | 0         | -.006     | -0.0180629481 | 0.0021276996           |                  |
| QH101_32 Source of drinking water: Unprotected well  | .12  | .321                        | 15705                   | 0         | -.025     | -0.0679402270 | 0.0089496818           |                  |
| QH101_41 Source of drinking water: Protected spring  | .02  | .137                        | 15705                   | 0         | -.004     | -0.0270666580 | 0.0005271014           |                  |
| QH101_42 Source of drinking water: Unprotected spring  | .05  | .211                        | 15705                   | 0         | -.013     | -0.0590788072 | 0.0029089445           |                  |
| QH101_51 Source of drinking water: Rainwater   | .02  | .144                        | 15705                   | 0         | -.002     | -0.0102524458 | 0.0002234593           |                  |
| QH101_61 Source of drinking water: Tanker truck  | .00  | .059                        | 15705                   | 0         | .004      | 0.0603852333  | -0.0002122165          |                  |
| QH101_71 Source of drinking water: Cart with small tank  | .00  | .057                        | 15705                   | 0         | .002      | 0.0413645501  | -0.0001374150          |                  |
| QH101_81 Source of drinking water: Surface water (river/dam/lake/pond/stream/canal/irrigation channel) | .07  | .258                        | 15705                   | 0         | -.018     | -0.0643275227 | 0.0049682962           |                  |
| QH101_91 Source of drinking water: Bottled water   | .01  | .102                        | 15705                   | 0         | .013      | 0.1310721831  | -0.0013831696          |                  |
| QH101_92 Source of drinking water: Sachet water  | .00  | .025                        | 15705                   | 0         | .003      | 0.1245999708  | -0.0000793883          |                  |
| QH101_93 Source of drinking water: Water kiosk/domestic points   | .00  | .028                        | 15705                   | 0         | .002      | 0.0725190632  | -0.0000554533          |                  |
| QH101_96 Source of drinking water: Other   | .01  | .075                        | 15705                   | 0         | -.003     | -0.0363612535 | 0.0002095749           |                  |
| QH109_11 Type of toilet facility: Flush to piped sewer system  | .01  | .106                        | 15705                   | 0         | .015      | 0.1397316530  | -0.0016109729          |                  |
| QH109_12 Type of toilet facility: Flush to septic tank   | .03  | .171                        | 15705                   | 0         | .018      | 0.1005858567  | -0.0031098817          |                  |
| QH109_13 Type of toilet facility: Flush to pit latrine   | .14  | .352                        | 15705                   | 0         | .025      | 0.0603990736  | -0.0120251282          |                  |
| QH109_14 Type of toilet facility: Flush to somewhere else  | .01  | .072                        | 15705                   | 0         | .005      | 0.0628809572  | -0.0003300415          |                  |
| QH109_21 Type of toilet facility: Ventilated improved pit latrine                                      | .07  | .249                        | 15705                   | 0         | .014      | 0.0529537368  | -0.0037669314          |                  |
| QH109_22 Type of toilet facility: Pit latrine with slab (washable)                                     | .12  | .328                        | 15705                   | 0         | .008      | 0.0215193331  | -0.0030150499          |                  |
| QH109_23 Type of toilet facility: Pit latrine with slab (not washable)                                 | .18  | .386                        | 15705                   | 0         | -.028     | -0.0587681079 | 0.0031073796           |                  |
| QH109_24 Type of toilet facility: Pit latrine without slab/open pit                                    | .12  | .321                        | 15705                   | 0         | -.026     | -0.0721430161 | 0.0095033100           |                  |
| QH109_31 Type of toilet facility: Composting toilet  | .00  | .020                        | 15705                   | 0         | .000      | -0.0246801814 | 0.0000904325           |                  |
| QH109_41 Type of toilet facility: Bucket toilet  | .00  | .025                        | 15705                   | 0         | -.002     | -0.0617113638 | 0.0000393191           |                  |
| QH109_51 Type of toilet facility: Hanging toilet/hanging latrine                                       | .00  | .025                        | 15705                   | 0         | -.002     | -0.0624648213 | 0.0000397992           |                  |
| QH109_61 Type of toilet facility: No facility/bush/field   | .09  | .286                        | 15705                   | 0         | -.027     | -0.0854565545 | 0.0084290830           |                  |
| QH109_96 Type of toilet facility: Other  | .00  | .023                        | 15705                   | 0         | -.001     | -0.0653555898 | 0.0000333086           |                  |
| QH109_11_sh Type of toilet facility: Flush to piped sewer system - shared                              | .00  | .054                        | 15705                   | 0         | .006      | 0.1192892069  | -0.0003504249          |                  |
| QH109_12_sh Type of toilet facility: Flush to septic tank - shared                                     | .01  | .114                        | 15705                   | 0         | .010      | 0.0879684153  | -0.0011692040          |                  |
| QH109_13_sh Type of toilet facility: Flush to pit latrine - shared                                     | .06  | .242                        | 15705                   | 0         | .016      | 0.0614866408  | -0.0004144254          |                  |
| QH109_14_sh Type of toilet facility: Flush to somewhere else - shared                                  | .01  | .075                        | 15705                   | 0         | -.001     | -0.0084677520 | 0.0000488055           |                  |
| QH109_21_sh Type of toilet facility: Ventilated improved pit latrine - shared                          | .03  | .165                        | 15705                   | 0         | .010      | 0.0614530235  | -0.001713286           |                  |
| QH109_22_sh Type of toilet facility: Pit latrine with slab (washable) - shared                         | .06  | .232                        | 15705                   | 0         | .013      | 0.0536844347  | -0.0032596452          |                  |
| QH109_23_sh Type of toilet facility: Pit latrine with slab (not washable) - shared                     | .04  | .185                        | 15705                   | 0         | -.009     | -0.0465394891 | 0.0017176531           |                  |
| QH109_24_sh Type of toilet facility: Pit latrine without slab/open pit - shared                        | .02  | .149                        | 15705                   | 0         | -.009     | -0.0601062059 | 0.0013900784           |                  |
| QH109_31_sh Type of toilet facility: Composting toilet - shared  | .00  | .011                        | 15705                   | 0         | .001      | 0.0559091223  | -0.0000071208          |                  |
| QH109_41_sh Type of toilet facility: Bucket toilet - shared  | .00  | .018                        | 15705                   | 0         | .000      | -0.0267244354 | 0.0000085110           |                  |
| QH109_51_sh Type of toilet facility: Hanging toilet/hanging latrine - shared                           | .00  | .008                        | 15705                   | 0         | .000      | -0.0480626202 | 0.0000030605           |                  |
| QH109_96_sh Type of toilet facility: Other - shared  | .00  | .020                        | 15705                   | 0         | .000      | -0.0178183198 | 0.0000068100           |                  |
| QH117_1 Type of cookstove: Electric stove  | .00  | .056                        | 15705                   | 0         | .006      | 0.1154826759  | -0.0003614366          |                  |
| QH117_2 Type of cookstove: Solar cooker  | .00  | .031                        | 15705                   | 0         | .000      | -0.0085220878 | 0.0000081473           |                  |
| QH117_3 Type of cookstove: Piped natural gas stove   | .07  | .262                        | 15705                   | 0         | .039      | 0.1360948867  | -0.0109044390          |                  |
| QH117_4 Type of cookstove: Liquefied petroleum gas (LPG)/cooking gas stove                             | .00  | .030                        | 15705                   | 0         | .003      | 0.1062896639  | -0.0000948350          |                  |
| QH117_5 Type of cookstove: Biogas stove  | .00  | .021                        | 15705                   | 0         | .003      | 0.1289173160  | -0.0000574864          |                  |
| QH117_6 Type of cookstove: Liquid fuel stove   | .00  | .062                        | 15705                   | 0         | .003      | 0.0528779980  | -0.0002061850          |                  |
| QH117_7 Type of cookstove: Manufactured solid fuel stove   | .00  | .025                        | 15705                   | 0         | .002      | 0.0633070232  | -0.0000403358          |                  |
| QH117_8 Type of cookstove: Traditional solid fuel stove  | .26  | .441                        | 15705                   | 0         | .046      | 0.0771702023  | -0.0276251308          |                  |
| QH117_9 Type of cookstove: Three stone stove/open fire   | .64  | .480                        | 15705                   | 0         | -.066     | -0.0494029985 | 0.0871945528           |                  |
| QH117_95 Type of cookstove: No food cooked in household  | .01  | .112                        | 15705                   | 0         | .003      | 0.0239081350  | -0.0003068308          |                  |
| QH117_96 Type of cookstove: Other  | .00  | .036                        | 15705                   | 0         | .001      | 0.0346118220  | -0.0000441337          |                  |
| QH120_1 Type of cooking fuel: Alcohol/ethanol  | .00  | .008                        | 15705                   | 0         | .001      | 0.1453512162  | -0.000092557           |                  |
| QH120_2 Type of cooking fuel: Gasoline   | .00  | .008                        | 15705                   | 0         | .002      | 0.1957162390  | -0.0000124628          |                  |
| QH120_3 Type of cooking fuel: Kerosene/paraffin  | .01  | .082                        | 15705                   | 0         | .004      | 0.0474064306  | -0.0003221413          |                  |
| QH120_4 Type of cooking fuel: Coal/lignite   | .00  | .008                        | 15705                   | 0         | .000      | -0.0239715802 | 0.0000015265           |                  |
| QH120_5 Type of cooking fuel: Charcoal   | .26  | .438                        | 15705                   | 0         | .046      | 0.0776646645  | -0.0271586043          |                  |
| QH120_6 Type of cooking fuel: Wood   | .63  | .483                        | 15705                   | 0         | -.065     | -0.0493859150 | 0.0843622822           |                  |
| QH120_7 Type of cooking fuel: Straw/shrubs/grass   | .01  | .078                        | 15705                   | 0         | -.003     | -0.0322009408 | 0.0002001212           |                  |
| QH120_8 Type of cooking fuel: Agricultural crop  | .00  | .036                        | 15705                   | 0         | -.002     | -0.0506906712 | 0.0000646359           |                  |
| QH120_10 Type of cooking fuel: Processed biomass (pellets) or woodchips                                | .00  | .014                        | 15705                   | 0         | .001      | 0.0786772224  | -0.0000150319          |                  |
| QH120_11 Type of cooking fuel: Garbage/plastic   | .00  | .048                        | 15705                   | 0         | -.001     | -0.0116553815 | 0.0000275242           |                  |
| QH120_12 Type of cooking fuel: Sawdust   | .00  | .014                        | 15705                   | 0         | .000      | 0.0083098301  | -0.0000018577          |                  |
| QH120_96 Type of cooking fuel: Other   | .00  | .028                        | 15705                   | 0         | .002      | 0.0779342848  | -0.0000595942          |                  |
| QH123_1 Heat source for home: Central heating  | .00  | .014                        | 15705                   | 0         | .001      | 0.1054141576  | -0.0000201403          |                  |
| QH123_3 Heat source for home: Traditional space heater   | .00  | .011                        | 15705                   | 0         | .001      | 0.0601264199  | -0.0000076580          |                  |
| QH123_4 Heat source for home: Manufactured cookstove   | .00  | .039                        | 15705                   | 0         | .001      | 0.0279464456  | -0.0000427724          |                  |

|   |     |      |       |   |
|---|-----|------|-------|---|
| QH123_5 Heat source for home: Traditional cookstove                           | .01 | .082 | 15705 | 0 |
| QH123_6 Heat source for home: Three stone stove/open fire                     | .01 | .117 | 15705 | 0 |
| QH123_95 Heat source for home: No space heating in household                  | .98 | .155 | 15705 | 0 |
| QH123_96 Heat source for home: Other  | .00 | .046 | 15705 | 0 |
| QH125_1 Type of fuel for home heat: Electricity                               | .00 | .030 | 15705 | 0 |
| QH125_3 Type of fuel for home heat: Solar air heater                          | .00 | .008 | 15705 | 0 |
| QH125_4 Type of fuel for home heat: Liquefied petroleum gas (LPG)/cooking gas | .00 | .011 | 15705 | 0 |
| QH125_8 Type of fuel for home heat: Kerosene/paraffin                         | .00 | .018 | 15705 | 0 |
| QH125_10 Type of fuel for home heat: Charcoal                                 | .01 | .092 | 15705 | 0 |
| QH125_11 Type of fuel for home heat: Wood                                     | .01 | .117 | 15705 | 0 |
| QH125_96 Type of fuel for home heat: Other                                    | .00 | .031 | 15705 | 0 |
| QH126_1 Type of light at home: Electricity                                    | .37 | .482 | 15705 | 0 |
| QH126_2 Type of light at home: Solar lantern                                  | .32 | .467 | 15705 | 0 |
| QH126_3 Type of light at home: Rechargeable flashlight, torch, or lantern     | .06 | .245 | 15705 | 0 |
| QH126_4 Type of light at home: Battery powered flashlight, torch or lantern   | .14 | .351 | 15705 | 0 |
| QH126_5 Type of light at home: Biogas lamp                                    | .00 | .011 | 15705 | 0 |
| QH126_6 Type of light at home: Gasoline lamp                                  | .00 | .044 | 15705 | 0 |
| QH126_7 Type of light at home: Kerosene or paraffin lamp                      | .07 | .258 | 15705 | 0 |
| QH126_8 Type of light at home: Charcoal                                       | .00 | .064 | 15705 | 0 |
| QH126_9 Type of light at home: Wood   | .01 | .118 | 15705 | 0 |
| QH126_10 Type of light at home: Straw/shrubs/grass                            | .00 | .023 | 15705 | 0 |
| QH126_11 Type of light at home: Agricultural crop                             | .00 | .008 | 15705 | 0 |
| QH126_13 Type of light at home: Oil lamp                                      | .00 | .051 | 15705 | 0 |
| QH126_14 Type of light at home: Candle  | .00 | .068 | 15705 | 0 |
| QH126_95 Type of light at home: No lighting in household                      | .00 | .046 | 15705 | 0 |
| QH126_96 Type of light at home: Other   | .00 | .060 | 15705 | 0 |
| QH132A Electricity  | .38 | .485 | 15705 | 0 |
| QH132B Radio  | .44 | .496 | 15705 | 0 |
| QH132C Television   | .28 | .451 | 15705 | 0 |
| QH132D Telephone (non-mobile)   | .01 | .116 | 15705 | 0 |
| QH132E Computer   | .03 | .181 | 15705 | 0 |
| QH132F Refrigerator   | .11 | .313 | 15705 | 0 |
| QH132G Battery or generator   | .09 | .284 | 15705 | 0 |
| QH132H Iron (charcoal or electrical)  | .27 | .443 | 15705 | 0 |
| QH132I Table  | .63 | .484 | 15705 | 0 |
| QH132J Chair  | .71 | .454 | 15705 | 0 |
| QH132K Sofa   | .23 | .420 | 15705 | 0 |
| QH132L Bed  | .86 | .346 | 15705 | 0 |
| QH132M Cupboard/cabinet   | .20 | .398 | 15705 | 0 |
| QH132N Water pump   | .02 | .122 | 15705 | 0 |
| QH132O Sewing machine   | .07 | .258 | 15705 | 0 |
| QH132P Blender  | .10 | .300 | 15705 | 0 |
| QH132Q CD/DVD player  | .13 | .339 | 15705 | 0 |
| QH132R Washing machine  | .01 | .094 | 15705 | 0 |
| QH132S Microwave oven   | .02 | .139 | 15705 | 0 |
| QH132T Air conditioner  | .02 | .125 | 15705 | 0 |
| QH133A Watch  | .18 | .387 | 15705 | 0 |
| QH133C Bicycle  | .30 | .459 | 15705 | 0 |
| QH133D Motorcycle or scooter  | .12 | .326 | 15705 | 0 |
| QH133E Animal-drawn cart  | .02 | .147 | 15705 | 0 |
| QH133F Car or Truck   | .04 | .189 | 15705 | 0 |
| QH133G Boat with a motor  | .00 | .061 | 15705 | 0 |
| MOBPHONE Owns a mobile phone  | .86 | .342 | 15705 | 0 |
| CHECKACC Possession of a bank account   | .22 | .413 | 15705 | 0 |
| QH152_11 Main floor material: Earth/sand                                      | .44 | .496 | 15705 | 0 |
| QH152_12 Main floor material: Dung  | .00 | .033 | 15705 | 0 |
| QH152_21 Main floor material: Wood planks                                     | .02 | .138 | 15705 | 0 |
| QH152_22 Main floor material: Palm/bamboo                                     | .00 | .028 | 15705 | 0 |
| QH152_31 Main floor material: Parquet or polished wood                        | .01 | .089 | 15705 | 0 |
| QH152_32 Main floor material: Vinyl or asphalt strips                         | .00 | .021 | 15705 | 0 |
| QH152_33 Main floor material: Ceramic tiles                                   | .06 | .240 | 15705 | 0 |
| QH152_34 Main floor material: Cement  | .46 | .498 | 15705 | 0 |
| QH152_35 Main floor material: Carpet  | .01 | .091 | 15705 | 0 |
| QH152_96 Main floor material: Other   | .00 | .048 | 15705 | 0 |
| QH153_11 Main roof material: No roof  | .02 | .147 | 15705 | 0 |
| QH153_12 Main roof material: Thatch/palm leaf                                 | .10 | .303 | 15705 | 0 |
| QH153_13 Main roof material: Sod  | .00 | .028 | 15705 | 0 |
| QH153_21 Main roof material: Rustic mat                                       | .02 | .148 | 15705 | 0 |
| QH153_22 Main roof material: Palm/bamboo                                      | .00 | .041 | 15705 | 0 |
| QH153_23 Main roof material: Wood planks                                      | .00 | .036 | 15705 | 0 |
| QH153_24 Main roof material: Cardboard  | .00 | .026 | 15705 | 0 |
| QH153_31 Main roof material: Metal  | .84 | .365 | 15705 | 0 |
| QH153_32 Main roof material: Wood   | .00 | .045 | 15705 | 0 |
| QH153_33 Main roof material: Calamine/cement fiber                            | .00 | .023 | 15705 | 0 |
| QH153_34 Main roof material: Ceramic tiles                                    | .00 | .039 | 15705 | 0 |
| QH153_35 Main roof material: Cement   | .00 | .018 | 15705 | 0 |
| QH153_36 Main roof material: Roofing shingles                                 | .00 | .046 | 15705 | 0 |
| QH153_96 Main roof material: Other  | .00 | .041 | 15705 | 0 |
| QH154_11 Main wall material: No walls   | .02 | .142 | 15705 | 0 |

|   |        |               |               |
|---|--------|---------------|---------------|
| QH123_5 Heat source for home: Traditional cookstove                           | .003   | 0.0380326844  | -0.0002608987 |
| QH123_6 Heat source for home: Three stone stove/open fire                     | -0.008 | -0.0713105880 | 0.0010037908  |
| QH123_95 Heat source for home: No space heating in household                  | .004   | 0.0006395341  | -0.0253136530 |
| QH123_96 Heat source for home: Other  | .001   | 0.0173520376  | -0.0000365376 |
| QH125_1 Type of fuel for home heat: Electricity                               | .003   | 0.1061504925  | -0.0000947108 |
| QH125_3 Type of fuel for home heat: Solar air heater                          | .000   | -0.0567516886 | -0.0000036138 |
| QH125_4 Type of fuel for home heat: Liquefied petroleum gas (LPG)/cooking gas | .000   | -0.0156685090 | 0.0000019956  |
| QH125_8 Type of fuel for home heat: Kerosene/paraffin                         | .000   | -0.0021041271 | 0.0000006701  |
| QH125_10 Type of fuel for home heat: Charcoal                                 | .005   | 0.0545675228  | -0.0004660596 |
| QH125_11 Type of fuel for home heat: Wood                                     | -0.010 | -0.0849360620 | 0.0011900262  |
| QH125_96 Type of fuel for home heat: Other                                    | .000   | -0.0006824219 | 0.0000006524  |
| QH126_1 Type of light at home: Electricity                                    | .072   | 0.0953851776  | -0.0550944019 |
| QH126_2 Type of light at home: Solar lantern                                  | -0.032 | -0.0462281058 | 0.0218781233  |
| QH126_3 Type of light at home: Rechargeable flashlight, torch, or lantern     | -0.017 | -0.0647839602 | 0.0044196920  |
| QH126_4 Type of light at home: Battery powered flashlight, torch or lantern   | -0.031 | -0.0760653707 | 0.0127595714  |
| QH126_5 Type of light at home: Biogas lamp                                    | .000   | 0.0169311419  | -0.0000021564 |
| QH126_6 Type of light at home: Gasoline lamp                                  | -0.002 | -0.0511344943 | 0.0000978651  |
| QH126_7 Type of light at home: Kerosene or paraffin lamp                      | -0.014 | -0.0502353219 | 0.0038724711  |
| QH126_8 Type of light at home: Charcoal                                       | .003   | 0.0532766408  | -0.0002179979 |
| QH126_9 Type of light at home: Wood   | -0.008 | -0.0676103913 | 0.0009605609  |
| QH126_10 Type of light at home: Straw/shrubs/grass                            | -0.003 | -0.1108641345 | 0.0000565021  |
| QH126_11 Type of light at home: Agricultural crop                             | .000   | 0.0423301193  | -0.0000026955 |
| QH126_13 Type of light at home: Oil lamp                                      | -0.002 | -0.0426253857 | 0.000115705   |
| QH126_14 Type of light at home: Candle  | -0.001 | -0.0077610255 | 0.0000357445  |
| QH126_95 Type of light at home: No lighting in household                      | -0.004 | -0.0897033861 | 0.0001888854  |
| QH126_96 Type of light at home: Other   | -0.003 | -0.0557447215 | 0.0001994827  |
| QH132A Electricity  | .072   | 0.0924235304  | -0.0566941545 |
| QH132B Radio  | .040   | 0.0451264069  | -0.0353174320 |
| QH132C Television   | .066   | 0.1050292336  | -0.0414743736 |
| QH132D Telephone (non-mobile)   | .010   | 0.0811205651  | -0.0011312572 |
| QH132E Computer   | .032   | 0.1684197555  | -0.0059166708 |
| QH132F Refrigerator   | .054   | 0.1521300778  | -0.0188447950 |
| QH132G Battery or generator   | -0.008 | -0.0258973064 | 0.0025126682  |
| QH132H Iron (charcoal or electrical)  | .059   | 0.0980179732  | -0.0359803093 |
| QH132I Table  | .040   | 0.0306011098  | -0.0512572498 |
| QH132J Chair  | .023   | 0.0146513108  | -0.0356105581 |
| QH132K Sofa   | .057   | 0.1042323782  | -0.0309091639 |
| QH132L Bed  | .030   | 0.0118944694  | -0.0735205473 |
| QH132M Cupboard/cabinet   | .052   | 0.1048076233  | -0.0257757741 |
| QH132N Water pump   | .017   | 0.1361001492  | -0.0020853204 |
| QH132O Sewing machine   | .025   | 0.0908521769  | -0.0070034872 |
| QH132P Blender  | .052   | 0.1548290419  | -0.0171728045 |
| QH132Q CD/DVD player  | .050   | 0.1265875949  | -0.0193570665 |
| QH132R Washing machine  | .016   | 0.1710085451  | -0.0015381430 |
| QH132S Microwave oven   | .028   | 0.1944684682  | -0.0039030110 |
| QH132T Air conditioner  | .021   | 0.1633262536  | -0.0026312265 |
| QH133A Watch  | .041   | 0.0859383564  | -0.0192984379 |
| QH133C Bicycle  | .000   | -0.0002512122 | 0.0001083984  |
| QH133D Motorcycle or scooter  | .018   | 0.0490575810  | -0.0067518583 |
| QH133E Animal-drawn cart  | -0.003 | -0.0166420943 | 0.0003782294  |
| QH133F Car or Truck   | .033   | 0.1697585765  | -0.0065330617 |
| QH133G Boat with a motor  | .003   | 0.0524306955  | -0.0001977126 |
| MOBPHONE Owns a mobile phone  | .030   | 0.0120463343  | -0.0770250781 |
| CHECKACC Possession of a bank account   | .051   | 0.0972994614  | -0.0270465424 |
| QH152_11 Main floor material: Earth/sand                                      | -0.064 | -0.0721243029 | 0.0567247674  |
| QH152_12 Main floor material: Dung  | -0.003 | -0.0927488832 | 0.0001005055  |
| QH152_21 Main floor material: Wood planks                                     | -0.002 | -0.0174923307 | 0.0003452807  |
| QH152_22 Main floor material: Palm/bamboo                                     | -0.002 | -0.0557820993 | 0.0000426550  |
| QH152_31 Main floor material: Parquet or polished wood                        | .005   | 0.0537765725  | -0.0004349347 |
| QH152_32 Main floor material: Vinyl or asphalt strips                         | .001   | 0.0495162533  | -0.0000220801 |
| QH152_33 Main floor material: Ceramic tiles                                   | .039   | 0.1514599229  | -0.0098610733 |
| QH152_34 Main floor material: Cement  | .044   | 0.0473322721  | -0.0400491001 |
| QH152_35 Main floor material: Carpet  | .009   | 0.0996778746  | -0.0008384360 |
| QH152_96 Main floor material: Other   | .000   | -0.0013408173 | 0.0000030806  |
| QH153_11 Main roof material: No roof  | -0.012 | -0.0813693740 | 0.0018276324  |
| QH153_12 Main roof material: Thatch/palm leaf                                 | -0.034 | -0.1000196333 | 0.0114089218  |
| QH153_13 Main roof material: Sod  | -0.002 | -0.0810106384 | 0.0000619466  |
| QH153_21 Main roof material: Rustic mat                                       | -0.010 | -0.0690651221 | 0.0015742620  |
| QH153_22 Main roof material: Palm/bamboo                                      | -0.004 | -0.0868366831 | 0.0001495465  |
| QH153_23 Main roof material: Wood planks                                      | .001   | 0.0261926009  | -0.0000333983 |
| QH153_24 Main roof material: Cardboard  | .002   | 0.0717095941  | -0.0000502616 |
| QH153_31 Main roof material: Metal  | .036   | 0.0156452733  | -0.0825990358 |
| QH153_32 Main roof material: Wood   | .000   | 0.0083887042  | -0.0000171275 |
| QH153_33 Main roof material: Calamine/cement fiber                            | .001   | 0.0658309811  | -0.0000335509 |
| QH153_34 Main roof material: Ceramic tiles                                    | .005   | 0.1320504454  | -0.0002021051 |
| QH153_35 Main roof material: Cement   | .003   | 0.1531037333  | -0.0000487592 |
| QH153_36 Main roof material: Roofing shingles                                 | .007   | 0.1585775304  | -0.000339113  |
| QH153_96 Main roof material: Other  | -0.002 | -0.0562386548 | 0.0000932588  |
| QH154_11 Main wall material: No walls   | -0.012 | -0.0813474149 | 0.0017081794  |



## Descriptive Statistics

|  | Mean | Std. Deviation <sup>a</sup> | Analysis N <sup>b</sup> | Missing N |  |
|--|------|-----------------------------|-------------------------|-----------|--|
| QH101_11 Source of drinking water: Piped into dwelling   | .25  | .431                        | 5171                    | 0         |  |
| QH101_12 Source of drinking water: Piped to yard/plot  | .22  | .413                        | 5171                    | 0         |  |
| QH101_13 Source of drinking water: Piped to neighbor   | .21  | .405                        | 5171                    | 0         |  |
| QH101_14 Source of drinking water: Public tap/standpipe  | .10  | .295                        | 5171                    | 0         |  |
| QH101_21 Source of drinking water: Tube well or borehole   | .04  | .194                        | 5171                    | 0         |  |
| QH101_31 Source of drinking water: Protected well  | .07  | .259                        | 5171                    | 0         |  |
| QH101_32 Source of drinking water: Unprotected well  | .03  | .157                        | 5171                    | 0         |  |
| QH101_41 Source of drinking water: Protected spring  | .01  | .112                        | 5171                    | 0         |  |
| QH101_42 Source of drinking water: Unprotected spring  | .02  | .127                        | 5171                    | 0         |  |
| QH101_51 Source of drinking water: Rainwater   | .01  | .120                        | 5171                    | 0         |  |
| QH101_61 Source of drinking water: Tanker truck  | .01  | .075                        | 5171                    | 0         |  |
| QH101_71 Source of drinking water: Cart with small tank  | .00  | .068                        | 5171                    | 0         |  |
| QH101_81 Source of drinking water: Surface water (river/dam/lake/pond/stream/canal/irrigation channel) | .01  | .107                        | 5171                    | 0         |  |
| QH101_91 Source of drinking water: Bottled water   | .02  | .152                        | 5171                    | 0         |  |
| QH101_92 Source of drinking water: Sachet water  | .00  | .042                        | 5171                    | 0         |  |
| QH101_93 Source of drinking water: Water kiosk/domestic points   | .00  | .037                        | 5171                    | 0         |  |
| QH101_96 Source of drinking water: Other   | .00  | .044                        | 5171                    | 0         |  |
| QH109_11 Type of toilet facility: Flush to piped sewer system  | .03  | .163                        | 5171                    | 0         |  |
| QH109_12 Type of toilet facility: Flush to septic tank   | .06  | .232                        | 5171                    | 0         |  |
| QH109_13 Type of toilet facility: Flush to pit latrine   | .20  | .400                        | 5171                    | 0         |  |
| QH109_14 Type of toilet facility: Flush to somewhere else  | .01  | .090                        | 5171                    | 0         |  |
| QH109_21 Type of toilet facility: Ventilated improved pit latrine                                      | .08  | .276                        | 5171                    | 0         |  |
| QH109_22 Type of toilet facility: Pit latrine with slab (washable)                                     | .12  | .330                        | 5171                    | 0         |  |
| QH109_23 Type of toilet facility: Pit latrine with slab (not washable)                                 | .06  | .242                        | 5171                    | 0         |  |
| QH109_24 Type of toilet facility: Pit latrine without slab/open pit                                    | .03  | .175                        | 5171                    | 0         |  |
| QH109_41 Type of toilet facility: Bucket toilet  | .00  | .020                        | 5171                    | 0         |  |
| QH109_61 Type of toilet facility: No facility/bush/field   | .01  | .109                        | 5171                    | 0         |  |
| QH109_96 Type of toilet facility: Other  | .00  | .014                        | 5171                    | 0         |  |
| QH109_11_sh Type of toilet facility: Flush to piped sewer system - shared                              | .01  | .091                        | 5171                    | 0         |  |
| QH109_12_sh Type of toilet facility: Flush to septic tank - shared                                     | .03  | .181                        | 5171                    | 0         |  |
| QH109_13_sh Type of toilet facility: Flush to pit latrine - shared                                     | .13  | .333                        | 5171                    | 0         |  |
| QH109_14_sh Type of toilet facility: Flush to somewhere else - shared                                  | .01  | .087                        | 5171                    | 0         |  |
| QH109_21_sh Type of toilet facility: Ventilated improved pit latrine - shared                          | .06  | .237                        | 5171                    | 0         |  |
| QH109_22_sh Type of toilet facility: Pit latrine with slab (washable) - shared                         | .12  | .328                        | 5171                    | 0         |  |
| QH109_23_sh Type of toilet facility: Pit latrine with slab (not washable) - shared                     | .02  | .147                        | 5171                    | 0         |  |
| QH109_24_sh Type of toilet facility: Pit latrine without slab/open pit - shared                        | .01  | .107                        | 5171                    | 0         |  |
| QH109_31_sh Type of toilet facility: Composting toilet - shared  | .00  | .014                        | 5171                    | 0         |  |
| QH109_96_sh Type of toilet facility: Other - shared  | .00  | .020                        | 5171                    | 0         |  |
| QH117_1 Type of cookstove: Electric stove  | .01  | .081                        | 5171                    | 0         |  |
| QH117_2 Type of cookstove: Solar cooker  | .00  | .034                        | 5171                    | 0         |  |
| QH117_3 Type of cookstove: Piped natural gas stove   | .18  | .385                        | 5171                    | 0         |  |
| QH117_4 Type of cookstove: Liquefied petroleum gas (LPG)/cooking gas stove                             | .00  | .046                        | 5171                    | 0         |  |
| QH117_5 Type of cookstove: Biogas stove  | .00  | .024                        | 5171                    | 0         |  |
| QH117_6 Type of cookstove: Liquid fuel stove   | .01  | .099                        | 5171                    | 0         |  |
| QH117_7 Type of cookstove: Manufactured solid fuel stove   | .00  | .028                        | 5171                    | 0         |  |
| QH117_8 Type of cookstove: Traditional solid fuel stove  | .54  | .498                        | 5171                    | 0         |  |
| QH117_9 Type of cookstove: Three stone stove/open fire   | .23  | .421                        | 5171                    | 0         |  |
| QH117_95 Type of cookstove: No food cooked in household  | .02  | .144                        | 5171                    | 0         |  |
| QH117_96 Type of cookstove: Other  | .00  | .042                        | 5171                    | 0         |  |
| QH120_2 Type of cooking fuel: Gasoline   | .00  | .014                        | 5171                    | 0         |  |
| QH120_3 Type of cooking fuel: Kerosene/paraffin  | .01  | .112                        | 5171                    | 0         |  |
| QH120_5 Type of cooking fuel: Charcoal   | .54  | .499                        | 5171                    | 0         |  |
| QH120_6 Type of cooking fuel: Wood   | .23  | .420                        | 5171                    | 0         |  |
| QH120_7 Type of cooking fuel: Straw/shrubs/grass   | .00  | .048                        | 5171                    | 0         |  |
| QH120_8 Type of cooking fuel: Agricultural crop  | .00  | .034                        | 5171                    | 0         |  |
| QH120_10 Type of cooking fuel: Processed biomass (pellets) or woodchips                                | .00  | .020                        | 5171                    | 0         |  |
| QH120_11 Type of cooking fuel: Garbage/plastic   | .00  | .042                        | 5171                    | 0         |  |
| QH120_12 Type of cooking fuel: Sawdust   | .00  | .014                        | 5171                    | 0         |  |
| QH120_96 Type of cooking fuel: Other   | .00  | .039                        | 5171                    | 0         |  |
| QH123_1 Heat source for home: Central heating  | .00  | .014                        | 5171                    | 0         |  |
| QH123_3 Heat source for home: Traditional space heater   | .00  | .014                        | 5171                    | 0         |  |
| QH123_4 Heat source for home: Manufactured cookstove   | .00  | .042                        | 5171                    | 0         |  |
| QH123_5 Heat source for home: Traditional cookstove  | .01  | .107                        | 5171                    | 0         |  |
| QH123_6 Heat source for home: Three stone stove/open fire  | .00  | .068                        | 5171                    | 0         |  |
| QH123_95 Heat source for home: No space heating in household   | .98  | .140                        | 5171                    | 0         |  |
| QH123_96 Heat source for home: Other   | .00  | .042                        | 5171                    | 0         |  |
| QH125_1 Type of fuel for home heat: Electricity  | .00  | .046                        | 5171                    | 0         |  |
| QH125_4 Type of fuel for home heat: Liquefied petroleum gas (LPG)/cooking gas                          | .00  | .014                        | 5171                    | 0         |  |
| QH125_8 Type of fuel for home heat: Kerosene/paraffin  | .00  | .014                        | 5171                    | 0         |  |
| QH125_10 Type of fuel for home heat: Charcoal  | .01  | .120                        | 5171                    | 0         |  |

## Component Score Coefficient Matrix

|  | Component | Sum over each variable |                  |
|--|-----------|------------------------|------------------|
|  |           | If has                 | If does not have |
| QH101_11 Source of drinking water: Piped into dwelling   | .037      | 0.0653633446           | -0.0213684632    |
| QH101_12 Source of drinking water: Piped to yard/plot  | .023      | 0.0427188540           | -0.0119456335    |
| QH101_13 Source of drinking water: Piped to neighbor   | -.022     | -0.0433165731          | 0.0113151341     |
| QH101_14 Source of drinking water: Public tap/standpipe  | -.024     | -0.0746005135          | 0.0079678203     |
| QH101_21 Source of drinking water: Tube well or borehole   | -.003     | -0.0132275177          | 0.0005404964     |
| QH101_31 Source of drinking water: Protected well  | -.011     | -0.0376249302          | 0.0029418993     |
| QH101_32 Source of drinking water: Unprotected well  | -.023     | -0.1457404012          | 0.0037584313     |
| QH101_41 Source of drinking water: Protected spring  | -.003     | -0.0260950870          | 0.0003373704     |
| QH101_42 Source of drinking water: Unprotected spring  | -.016     | -0.1257718109          | 0.0021019670     |
| QH101_51 Source of drinking water: Rainwater   | -.006     | -0.0497460373          | 0.0007420410     |
| QH101_61 Source of drinking water: Tanker truck  | .000      | -0.0039935435          | 0.0000225229     |
| QH101_71 Source of drinking water: Cart with small tank  | .000      | -0.0016924850          | 0.0000078919     |
| QH101_81 Source of drinking water: Surface water (river/dam/lake/pond/stream/canal/irrigation channel) | -.013     | -0.1193639364          | 0.0014012593     |
| QH101_91 Source of drinking water: Bottled water   | .014      | 0.0891459415           | -0.0021721376    |
| QH101_92 Source of drinking water: Sachet water  | .003      | 0.0795985698           | -0.0001387809    |
| QH101_93 Source of drinking water: Water kiosk/domestic points   | .001      | 0.0155531467           | -0.000210829     |
| QH101_96 Source of drinking water: Other   | -.002     | -0.0465075838          | 0.0000901135     |
| QH109_11 Type of toilet facility: Flush to piped sewer system  | .021      | 0.1262298803           | -0.0035642559    |
| QH109_12 Type of toilet facility: Flush to septic tank   | .023      | 0.0935065419           | -0.0056368512    |
| QH109_13 Type of toilet facility: Flush to pit latrine   | .027      | 0.0534757103           | -0.0134142021    |
| QH109_14 Type of toilet facility: Flush to somewhere else  | .005      | 0.0525134090           | -0.0004300182    |
| QH109_21 Type of toilet facility: Ventilated improved pit latrine                                      | .011      | 0.0348742591           | -0.0031630313    |
| QH109_22 Type of toilet facility: Pit latrine with slab (washable)                                     | -.007     | -0.0194711234          | 0.0027600930     |
| QH109_23 Type of toilet facility: Pit latrine with slab (not washable)                                 | -.038     | -0.1450443157          | 0.0096955557     |
| QH109_24 Type of toilet facility: Pit latrine without slab/open pit                                    | -.030     | -0.1668730456          | 0.0054657838     |
| QH109_41 Type of toilet facility: Bucket toilet  | -.002     | -0.1231325066          | 0.0000476427     |
| QH109_61 Type of toilet facility: No facility/bush/field   | -.023     | -0.2077999102          | 0.0025217448     |
| QH109_96 Type of toilet facility: Other  | -.002     | -0.1645313402          | 0.0000318242     |
| QH109_11_sh Type of toilet facility: Flush to piped sewer system - shared                              | .006      | 0.0673278739           | -0.0005645668    |
| QH109_12_sh Type of toilet facility: Flush to septic tank - shared                                     | .004      | 0.0222934900           | -0.0007808969    |
| QH109_13_sh Type of toilet facility: Flush to pit latrine - shared                                     | .001      | 0.0027157335           | -0.0003941507    |
| QH109_14_sh Type of toilet facility: Flush to somewhere else - shared                                  | -.004     | -0.0511643329          | 0.0003888170     |
| QH109_21_sh Type of toilet facility: Ventilated improved pit latrine - shared                          | -.001     | -0.0020080592          | 0.0001276204     |
| QH109_22_sh Type of toilet facility: Pit latrine with slab (washable) - shared                         | -.004     | -0.0102872845          | 0.0014323780     |
| QH109_23_sh Type of toilet facility: Pit latrine with slab (not washable) - shared                     | -.013     | -0.0881653681          | 0.0020053440     |
| QH109_24_sh Type of toilet facility: Pit latrine without slab/open pit - shared                        | -.013     | -0.1211599535          | 0.0014223434     |
| QH109_31_sh Type of toilet facility: Composting toilet - shared  | .002      | 0.1331137102           | -0.0000257473    |
| QH109_96_sh Type of toilet facility: Other - shared  | -.001     | -0.0492302594          | 0.0000190483     |
| QH117_1 Type of cookstove: Electric stove  | .005      | 0.0664933004           | -0.0004400958    |
| QH117_2 Type of cookstove: Solar cooker  | -.002     | -0.0604943974          | 0.0000702742     |
| QH117_3 Type of cookstove: Piped natural gas stove   | .047      | 0.1006784429           | -0.0222514811    |
| QH117_4 Type of cookstove: Liquefied petroleum gas (LPG)/cooking gas stove                             | .002      | 0.0528418774           | -0.0001126474    |
| QH117_5 Type of cookstove: Biogas stove  | .002      | 0.0934567577           | -0.0000542512    |
| QH117_6 Type of cookstove: Liquid fuel stove   | -.005     | -0.0534055781          | 0.0005319696     |
| QH117_7 Type of cookstove: Manufactured solid fuel stove   | .001      | 0.0396759044           | -0.0000307148    |
| QH117_8 Type of cookstove: Traditional solid fuel stove  | .017      | 0.0152877830           | -0.0182946835    |
| QH117_9 Type of cookstove: Three stone stove/open fire   | -.061     | -0.1123444060          | 0.0336186401     |
| QH117_95 Type of cookstove: No food cooked in household  | -.004     | -0.0293437310          | 0.0006318583     |
| QH117_96 Type of cookstove: Other  | -.002     | -0.0549454630          | 0.0000957980     |
| QH120_2 Type of cooking fuel: Gasoline   | .002      | 0.1485675838           | -0.0000287365    |
| QH120_3 Type of cooking fuel: Kerosene/paraffin  | -.005     | -0.0447426244          | 0.0005784551     |
| QH120_5 Type of cooking fuel: Charcoal   | .017      | 0.0155016646           | -0.0180517501    |
| QH120_6 Type of cooking fuel: Wood   | -.060     | -0.1105562528          | 0.0328671391     |
| QH120_7 Type of cooking fuel: Straw/shrubs/grass   | -.004     | -0.0762477408          | 0.0001773547     |
| QH120_8 Type of cooking fuel: Agricultural crop  | -.005     | -0.1515141530          | 0.0001760087     |
| QH120_10 Type of cooking fuel: Processed biomass (pellets) or woodchips                                | .000      | -0.0143361603          | 0.0000055470     |
| QH120_11 Type of cooking fuel: Garbage/plastic   | -.006     | -0.1506458488          | 0.0002626526     |
| QH120_12 Type of cooking fuel: Sawdust   | -.002     | -0.1373191461          | 0.0000265608     |
| QH120_96 Type of cooking fuel: Other   | .001      | 0.0296375646           | -0.0000459230    |
| QH123_1 Heat source for home: Central heating  | .000      | 0.0313834876           | -0.0000060703    |
| QH123_3 Heat source for home: Traditional space heater   | .000      | -0.002809070           | 0.000005572      |
| QH123_4 Heat source for home: Manufactured cookstove   | -.001     | -0.0294038202          | 0.0000512659     |
| QH123_5 Heat source for home: Traditional cookstove  | .001      | 0.0092583143           | -0.0001086869    |
| QH123_6 Heat source for home: Three stone stove/open fire  | -.006     | -0.0941438503          | 0.0004389843     |
| QH123_95 Heat source for home: No space heating in household   | .003      | 0.0003976408           | -0.0193735170    |
| QH123_96 Heat source for home: Other   | .000      | -0.0083067135          | 0.0000144828     |
| QH125_1 Type of fuel for home heat: Electricity  | .001      | 0.0319246402           | -0.0000680564    |
| QH125_4 Type of fuel for home heat: Liquefied petroleum gas (LPG)/cooking gas                          | .000      | -0.0045291833          | 0.0000008761     |
| QH125_8 Type of fuel for home heat: Kerosene/paraffin  | .000      | 0.0278071200           | -0.0000053786    |
| QH125_10 Type of fuel for home heat: Charcoal  | .000      | 0.0023500194           | -0.0000350543    |

|   |     |      |      |   |
|---|-----|------|------|---|
| QH125_11 Type of fuel for home heat: Wood                                   | .00 | .048 | 5171 | 0 |
| QH125_96 Type of fuel for home heat: Other                                  | .00 | .024 | 5171 | 0 |
| QH126_1 Type of light at home: Electricity                                  | .72 | .447 | 5171 | 0 |
| QH126_2 Type of light at home: Solar lantern                                | .13 | .336 | 5171 | 0 |
| QH126_3 Type of light at home: Rechargeable flashlight, torch, or lantern   | .03 | .182 | 5171 | 0 |
| QH126_4 Type of light at home: Battery powered flashlight, torch or lantern | .05 | .214 | 5171 | 0 |
| QH126_5 Type of light at home: Biogas lamp                                  | .00 | .014 | 5171 | 0 |
| QH126_6 Type of light at home: Gasoline lamp                                | .00 | .044 | 5171 | 0 |
| QH126_7 Type of light at home: Kerosene or paraffin lamp                    | .04 | .189 | 5171 | 0 |
| QH126_8 Type of light at home: Charcoal                                     | .01 | .085 | 5171 | 0 |
| QH126_9 Type of light at home: Wood   | .00 | .059 | 5171 | 0 |
| QH126_10 Type of light at home: Straw/shrubs/grass                          | .00 | .014 | 5171 | 0 |
| QH126_13 Type of light at home: Oil lamp                                    | .00 | .042 | 5171 | 0 |
| QH126_14 Type of light at home: Candle                                      | .01 | .097 | 5171 | 0 |
| QH126_95 Type of light at home: No lighting in household                    | .00 | .020 | 5171 | 0 |
| QH126_96 Type of light at home: Other                                       | .00 | .039 | 5171 | 0 |
| QH132A Electricity  | .74 | .440 | 5171 | 0 |
| QH132B Radio  | .59 | .493 | 5171 | 0 |
| QH132C Television   | .54 | .499 | 5171 | 0 |
| QH132D Telephone (non-mobile)   | .02 | .149 | 5171 | 0 |
| QH132E Computer   | .08 | .268 | 5171 | 0 |
| QH132F Refrigerator   | .24 | .425 | 5171 | 0 |
| QH132G Battery or generator   | .04 | .192 | 5171 | 0 |
| QH132H Iron (charcoal or electrical)  | .48 | .500 | 5171 | 0 |
| QH132I Table  | .76 | .427 | 5171 | 0 |
| QH132J Chair  | .78 | .417 | 5171 | 0 |
| QH132K Sofa   | .47 | .499 | 5171 | 0 |
| QH132L Bed  | .94 | .241 | 5171 | 0 |
| QH132M Cupboard/cabinet   | .37 | .482 | 5171 | 0 |
| QH132N Water pump   | .03 | .165 | 5171 | 0 |
| QH132O Sewing machine   | .11 | .317 | 5171 | 0 |
| QH132P Blender  | .21 | .410 | 5171 | 0 |
| QH132Q CD/DVD player  | .27 | .442 | 5171 | 0 |
| QH132R Washing machine  | .02 | .139 | 5171 | 0 |
| QH132S Microwave oven   | .05 | .212 | 5171 | 0 |
| QH132T Air conditioner  | .04 | .198 | 5171 | 0 |
| QH133A Watch  | .29 | .455 | 5171 | 0 |
| QH133C Bicycle  | .25 | .432 | 5171 | 0 |
| QH133D Motorcycle or scooter  | .13 | .333 | 5171 | 0 |
| QH133E Animal-drawn cart  | .01 | .098 | 5171 | 0 |
| QH133F Car or Truck   | .08 | .267 | 5171 | 0 |
| QH133G Boat with a motor  | .00 | .068 | 5171 | 0 |
| MOBPHONE Owns a mobile phone  | .95 | .217 | 5171 | 0 |
| CHECKACC Possession of a bank account                                       | .38 | .486 | 5171 | 0 |
| QH152_11 Main floor material: Earth/sand                                    | .14 | .343 | 5171 | 0 |
| QH152_21 Main floor material: Wood planks                                   | .02 | .130 | 5171 | 0 |
| QH152_22 Main floor material: Palm/bamboo                                   | .00 | .014 | 5171 | 0 |
| QH152_31 Main floor material: Parquet or polished wood                      | .01 | .117 | 5171 | 0 |
| QH152_32 Main floor material: Vinyl or asphalt strips                       | .00 | .028 | 5171 | 0 |
| QH152_33 Main floor material: Ceramic tiles                                 | .14 | .348 | 5171 | 0 |
| QH152_34 Main floor material: Cement  | .67 | .469 | 5171 | 0 |
| QH152_35 Main floor material: Carpet  | .02 | .127 | 5171 | 0 |
| QH152_96 Main floor material: Other   | .00 | .046 | 5171 | 0 |
| QH153_11 Main roof material: No roof  | .00 | .062 | 5171 | 0 |
| QH153_12 Main roof material: Thatch/palm leaf                               | .02 | .135 | 5171 | 0 |
| QH153_13 Main roof material: Sod  | .00 | .020 | 5171 | 0 |
| QH153_21 Main roof material: Rustic mat                                     | .01 | .090 | 5171 | 0 |
| QH153_22 Main roof material: Palm/bamboo                                    | .00 | .028 | 5171 | 0 |
| QH153_23 Main roof material: Wood planks                                    | .00 | .046 | 5171 | 0 |
| QH153_24 Main roof material: Cardboard                                      | .00 | .042 | 5171 | 0 |
| QH153_31 Main roof material: Metal  | .95 | .219 | 5171 | 0 |
| QH153_32 Main roof material: Wood   | .00 | .054 | 5171 | 0 |
| QH153_33 Main roof material: Calamine/cement fiber                          | .00 | .024 | 5171 | 0 |
| QH153_34 Main roof material: Ceramic tiles                                  | .00 | .067 | 5171 | 0 |
| QH153_35 Main roof material: Cement   | .00 | .028 | 5171 | 0 |
| QH153_36 Main roof material: Roofing shingles                               | .01 | .075 | 5171 | 0 |
| QH153_96 Main roof material: Other  | .00 | .028 | 5171 | 0 |
| QH154_11 Main wall material: No walls                                       | .00 | .062 | 5171 | 0 |
| QH154_13 Main wall material: Dirt   | .04 | .185 | 5171 | 0 |
| QH154_21 Main wall material: Bamboo with mud                                | .02 | .149 | 5171 | 0 |
| QH154_22 Main wall material: Stone with mud                                 | .02 | .146 | 5171 | 0 |
| QH154_23 Main wall material: Uncovered adobe                                | .02 | .155 | 5171 | 0 |
| QH154_24 Main wall material: Plywood  | .00 | .057 | 5171 | 0 |
| QH154_25 Main wall material: Cardboard                                      | .01 | .077 | 5171 | 0 |
| QH154_26 Main wall material: Reused wood                                    | .00 | .046 | 5171 | 0 |
| QH154_31 Main wall material: Cement   | .21 | .408 | 5171 | 0 |
| QH154_32 Main wall material: Stone with lime/cement                         | .05 | .214 | 5171 | 0 |
| QH154_33 Main wall material: Bricks   | .24 | .430 | 5171 | 0 |
| QH154_34 Main wall material: Cement blocks                                  | .36 | .480 | 5171 | 0 |

|   |        |               |                |  |
|---|--------|---------------|----------------|--|
| QH125_11 Type of fuel for home heat: Wood                                   | -0.009 | -0.1859989383 | 0.0004326395   |  |
| QH125_96 Type of fuel for home heat: Other                                  | -0.003 | -0.1119696567 | 0.0000649979   |  |
| QH126_1 Type of light at home: Electricity                                  | .084   | 0.0514771217  | -0.1354527915  |  |
| QH126_2 Type of light at home: Solar lantern                                | -0.047 | -0.1212539820 | 0.0181112860   |  |
| QH126_3 Type of light at home: Rechargeable flashlight, torch, or lantern   | -0.028 | -0.1465514753 | 0.0051941552   |  |
| QH126_4 Type of light at home: Battery powered flashlight, torch or lantern | -0.037 | -0.1654824427 | 0.0083363083   |  |
| QH126_5 Type of light at home: Biogas lamp                                  | -0.001 | -0.0531066400 | 0.0000102721   |  |
| QH126_6 Type of light at home: Gasoline lamp                                | -0.007 | -0.1528233442 | 0.0002961119   |  |
| QH126_7 Type of light at home: Kerosene or paraffin lamp                    | -0.032 | -0.1637163720 | 0.0062790817   |  |
| QH126_8 Type of light at home: Charcoal                                     | -0.002 | -0.0174751502 | 0.0001293699   |  |
| QH126_9 Type of light at home: Wood   | -0.007 | -0.1239047315 | 0.0004328130   |  |
| QH126_10 Type of light at home: Straw/shrubs/grass                          | -0.004 | -0.3210585281 | 0.0000621003   |  |
| QH126_13 Type of light at home: Oil lamp                                    | -0.006 | -0.1531746699 | 0.0002670616   |  |
| QH126_14 Type of light at home: Candle                                      | -0.011 | -0.1140870711 | 0.0010914226   |  |
| QH126_95 Type of light at home: No lighting in household                    | -0.003 | -0.1701474609 | 0.0000658338   |  |
| QH126_96 Type of light at home: Other                                       | -0.005 | -0.1308927915 | 0.0002028166   |  |
| QH132A Electricity  | .084   | 0.0499514276  | -0.1409568000  |  |
| QH132B Radio  | .051   | 0.0424715222  | -0.0600589359  |  |
| QH132C Television   | .080   | 0.0742527909  | -0.0861990193  |  |
| QH132D Telephone (non-mobile)   | .014   | 0.0916962790  | -0.0021227670  |  |
| QH132E Computer   | .045   | 0.1543426258  | -0.0130804323  |  |
| QH132F Refrigerator   | .071   | 0.1282043073  | -0.0396297365  |  |
| QH132G Battery or generator   | -0.004 | -0.0180738281 | 0.0007196095   |  |
| QH132H Iron (charcoal or electrical)  | .074   | 0.0771309629  | -0.00718026477 |  |
| QH132I Table  | .048   | 0.0262726815  | -0.0845515786  |  |
| QH132J Chair  | .033   | 0.0175873450  | -0.0609482001  |  |
| QH132K Sofa   | .068   | 0.0728769040  | -0.0634640766  |  |
| QH132L Bed  | .033   | 0.0084992256  | -0.1284150902  |  |
| QH132M Cupboard/cabinet   | .064   | 0.0841268030  | -0.0489474394  |  |
| QH132N Water pump   | .025   | 0.1497224091  | -0.0043194885  |  |
| QH132O Sewing machine   | .027   | 0.0761788510  | -0.0097737649  |  |
| QH132P Blender  | .068   | 0.1307413049  | -0.0356537942  |  |
| QH132Q CD/DVD player  | .057   | 0.0946754371  | -0.0344297014  |  |
| QH132R Washing machine  | .023   | 0.1638808287  | -0.0032976612  |  |
| QH132S Microwave oven   | .042   | 0.1869267999  | -0.0092970089  |  |
| QH132T Air conditioner  | .029   | 0.1393671366  | -0.0059580224  |  |
| QH133A Watch  | .052   | 0.0802208679  | -0.0332114832  |  |
| QH133C Bicycle  | .002   | 0.0036814472  | -0.0012148397  |  |
| QH133D Motorcycle or scooter  | .024   | 0.0638992657  | -0.0093228050  |  |
| QH133E Animal-drawn cart  | .005   | 0.0461782699  | -0.0004508716  |  |
| QH133F Car or Truck   | .049   | 0.1688971621  | -0.0140836100  |  |
| QH133G Boat with a motor  | .000   | 0.0008168624  | -0.0000038090  |  |
| MOBPHONE Owns a mobile phone  | .037   | 0.0084040912  | -0.1606914551  |  |
| CHECKACC Possession of a bank account                                       | .064   | 0.0815761651  | -0.0504934497  |  |
| QH152_11 Main floor material: Earth/sand                                    | -0.066 | -0.1652482939 | 0.0261288456   |  |
| QH152_21 Main floor material: Wood planks                                   | -0.010 | -0.0725180215 | 0.0012699929   |  |
| QH152_22 Main floor material: Palm/bamboo                                   | -0.002 | -0.1542975485 | 0.0000298448   |  |
| QH152_31 Main floor material: Parquet or polished wood                      | .002   | 0.0148358049  | -0.0002094877  |  |
| QH152_32 Main floor material: Vinyl or asphalt strips                       | .001   | 0.0311156593  | -0.0000240880  |  |
| QH152_33 Main floor material: Ceramic tiles                                 | .053   | 0.1319939108  | -0.0215930633  |  |
| QH152_34 Main floor material: Cement  | .009   | 0.0065343237  | -0.0134001825  |  |
| QH152_35 Main floor material: Carpet  | .007   | 0.0510584680  | -0.0008533169  |  |
| QH152_96 Main floor material: Other   | -0.004 | -0.0847087155 | 0.0001805806   |  |
| QH153_11 Main roof material: No roof  | -0.010 | -0.1534980706 | 0.0005959933   |  |
| QH153_12 Main roof material: Thatch/palm leaf                               | -0.034 | -0.2473940719 | 0.0046797696   |  |
| QH153_13 Main roof material: Sod  | -0.003 | -0.1555216771 | 0.0000601748   |  |
| QH153_21 Main roof material: Rustic mat                                     | -0.013 | -0.1400669923 | 0.0011469709   |  |
| QH153_22 Main roof material: Palm/bamboo                                    | -0.007 | -0.2597594317 | 0.0002010911   |  |
| QH153_23 Main roof material: Wood planks                                    | -0.002 | -0.0377642183 | 0.0000805051   |  |
| QH153_24 Main roof material: Cardboard                                      | .001   | 0.0217214925  | -0.0000378716  |  |
| QH153_31 Main roof material: Metal  | .025   | 0.0057720507  | -0.1081488425  |  |
| QH153_32 Main roof material: Wood   | .000   | -0.0069066488 | 0.0000200930   |  |
| QH153_33 Main roof material: Calamine/cement fiber                          | .003   | 0.1159164836  | -0.0000672890  |  |
| QH153_34 Main roof material: Ceramic tiles                                  | .005   | 0.0724048636  | -0.0003234872  |  |
| QH153_35 Main roof material: Cement   | .003   | 0.1135104232  | -0.0000878734  |  |
| QH153_36 Main roof material: Roofing shingles                               | .011   | 0.1398917189  | -0.0007889654  |  |
| QH153_96 Main roof material: Other  | -0.003 | -0.1206899512 | 0.0000934314   |  |
| QH154_11 Main wall material: No walls                                       | -0.009 | -0.1398051000 | 0.0005428270   |  |
| QH154_13 Main wall material: Dirt   | -0.032 | -0.1682924619 | 0.0062093068   |  |
| QH154_21 Main wall material: Bamboo with mud                                | -0.019 | -0.1249574365 | 0.0028927622   |  |
| QH154_22 Main wall material: Stone with mud                                 | -0.018 | -0.1193043820 | 0.0026653608   |  |
| QH154_23 Main wall material: Uncovered adobe                                | -0.005 | -0.0314062257 | 0.0007907594   |  |
| QH154_24 Main wall material: Plywood  | .002   | 0.0374435668  | -0.0001235042  |  |
| QH154_25 Main wall material: Cardboard                                      | .000   | 0.0023215429  | -0.0000140015  |  |
| QH154_26 Main wall material: Reused wood                                    | -0.006 | -0.1242126594 | 0.0002647944   |  |
| QH154_31 Main wall material: Cement   | .021   | 0.0415233955  | -0.0111163393  |  |
| QH154_32 Main wall material: Stone with lime/cement                         | .009   | 0.0403199842  | -0.0020397554  |  |
| QH154_33 Main wall material: Bricks   | -0.031 | -0.0540112308 | 0.0175104272   |  |
| QH154_34 Main wall material: Cement blocks                                  | .032   | 0.0427402557  | -0.0239293860  |  |

|   |      |       |      |   |
|---|------|-------|------|---|
| QH154_35 Main wall material: Covered adobe        | .01  | .104  | 5171 | 0 |
| QH154_36 Main wall material: Wood planks/shingles | .00  | .028  | 5171 | 0 |
| QH154_96 Main wall material: Other                | .01  | .072  | 5171 | 0 |
| HOUSE Owns a house                                | .26  | .437  | 5171 | 0 |
| LAND Owns land                                    | .32  | .466  | 5171 | 0 |
| memsleep Number of members per sleeping room      | 1.87 | 1.202 | 5171 | 0 |

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

|   |       |  |  |  |
|---|-------|--|--|--|
| QH154_35 Main wall material: Covered adobe        | .006  |  |  |  |
| QH154_36 Main wall material: Wood planks/shingles | -.001 |  |  |  |
| QH154_96 Main wall material: Other                | -.007 |  |  |  |
| HOUSE Owns a house                                | .008  |  |  |  |
| LAND Owns land                                    | -.005 |  |  |  |
| memsleep Number of members per sleeping room      | -.023 |  |  |  |

Extraction Method: Principal Component Analysis.  
Component Scores.

|   |               |  |  |
|---|---------------|--|--|
| 0.0524307797  | -0.0005843869 |  |  |
| -0.0468207296   | 0.0000362460  |  |  |
| -0.0971274118   | 0.0005098056  |  |  |
| 0.0139304849  | -0.0048333957 |  |  |
| -0.0076298550   | 0.0035722973  |  |  |
| ((memsleep-1.87081802359312)/1.20152276366191)*(-0.022701949494666) |               |  |  |

## Descriptive Statistics

## Component Score Coefficient Matrix

|  | Mean | Std. Deviation <sup>a</sup> | Analysis N <sup>b</sup> | Missing N |
|--|------|-----------------------------|-------------------------|-----------|
| QH101_11 Source of drinking water: Piped into dwelling   | .09  | .291                        | 10534                   | 0         |
| QH101_12 Source of drinking water: Piped to yard/plot  | .05  | .218                        | 10534                   | 0         |
| QH101_13 Source of drinking water: Piped to neighbor   | .08  | .274                        | 10534                   | 0         |
| QH101_14 Source of drinking water: Public tap/standpipe  | .21  | .410                        | 10534                   | 0         |
| QH101_21 Source of drinking water: Tube well or borehole   | .05  | .219                        | 10534                   | 0         |
| QH101_31 Source of drinking water: Protected well  | .12  | .327                        | 10534                   | 0         |
| QH101_32 Source of drinking water: Unprotected well  | .16  | .368                        | 10534                   | 0         |
| QH101_41 Source of drinking water: Protected spring  | .02  | .147                        | 10534                   | 0         |
| QH101_42 Source of drinking water: Unprotected spring  | .06  | .241                        | 10534                   | 0         |
| QH101_51 Source of drinking water: Rainwater   | .02  | .155                        | 10534                   | 0         |
| QH101_61 Source of drinking water: Tanker truck  | .00  | .050                        | 10534                   | 0         |
| QH101_71 Source of drinking water: Cart with small tank  | .00  | .051                        | 10534                   | 0         |
| QH101_81 Source of drinking water: Surface water (river/dam/lake/pond/stream/canal/irrigation channel) | .10  | .302                        | 10534                   | 0         |
| QH101_91 Source of drinking water: Bottled water   | .00  | .062                        | 10534                   | 0         |
| QH101_92 Source of drinking water: Sachet water  | .00  | .010                        | 10534                   | 0         |
| QH101_93 Source of drinking water: Water kiosk/domestic points   | .00  | .022                        | 10534                   | 0         |
| QH101_96 Source of drinking water: Other   | .01  | .087                        | 10534                   | 0         |
| QH109_11 Type of toilet facility: Flush to piped sewer system  | .00  | .059                        | 10534                   | 0         |
| QH109_12 Type of toilet facility: Flush to septic tank   | .02  | .129                        | 10534                   | 0         |
| QH109_13 Type of toilet facility: Flush to pit latrine   | .12  | .321                        | 10534                   | 0         |
| QH109_14 Type of toilet facility: Flush to somewhere else  | .00  | .062                        | 10534                   | 0         |
| QH109_21 Type of toilet facility: Ventilated improved pit latrine                                      | .06  | .234                        | 10534                   | 0         |
| QH109_22 Type of toilet facility: Pit latrine with slab (washable)                                     | .12  | .328                        | 10534                   | 0         |
| QH109_23 Type of toilet facility: Pit latrine with slab (not washable)                                 | .24  | .428                        | 10534                   | 0         |
| QH109_24 Type of toilet facility: Pit latrine without slab/open pit                                    | .16  | .365                        | 10534                   | 0         |
| QH109_31 Type of toilet facility: Composting toilet  | .00  | .024                        | 10534                   | 0         |
| QH109_41 Type of toilet facility: Bucket toilet  | .00  | .028                        | 10534                   | 0         |
| QH109_51 Type of toilet facility: Hanging toilet/hanging latrine                                       | .00  | .031                        | 10534                   | 0         |
| QH109_61 Type of toilet facility: No facility/bush/field   | .13  | .334                        | 10534                   | 0         |
| QH109_96 Type of toilet facility: Other  | .00  | .026                        | 10534                   | 0         |
| QH109_11_sh Type of toilet facility: Flush to piped sewer system - shared                              | .00  | .017                        | 10534                   | 0         |
| QH109_12_sh Type of toilet facility: Flush to septic tank - shared                                     | .00  | .054                        | 10534                   | 0         |
| QH109_13_sh Type of toilet facility: Flush to pit latrine - shared                                     | .03  | .174                        | 10534                   | 0         |
| QH109_14_sh Type of toilet facility: Flush to somewhere else - shared                                  | .00  | .069                        | 10534                   | 0         |
| QH109_21_sh Type of toilet facility: Ventilated improved pit latrine - shared                          | .01  | .111                        | 10534                   | 0         |
| QH109_22_sh Type of toilet facility: Pit latrine with slab (washable) - shared                         | .03  | .157                        | 10534                   | 0         |
| QH109_23_sh Type of toilet facility: Pit latrine with slab (not washable) - shared                     | .04  | .201                        | 10534                   | 0         |
| QH109_24_sh Type of toilet facility: Pit latrine without slab/open pit - shared                        | .03  | .165                        | 10534                   | 0         |
| QH109_31_sh Type of toilet facility: Composting toilet - shared  | .00  | .010                        | 10534                   | 0         |
| QH109_41_sh Type of toilet facility: Bucket toilet - shared  | .00  | .022                        | 10534                   | 0         |
| QH109_51_sh Type of toilet facility: Hanging toilet/hanging latrine - shared                           | .00  | .010                        | 10534                   | 0         |
| QH109_96_sh Type of toilet facility: Other - shared  | .00  | .019                        | 10534                   | 0         |
| QH117_1 Type of cookstove: Electric stove  | .00  | .038                        | 10534                   | 0         |
| QH117_2 Type of cookstove: Solar cooker  | .00  | .029                        | 10534                   | 0         |
| QH117_3 Type of cookstove: Piped natural gas stove   | .02  | .146                        | 10534                   | 0         |
| QH117_4 Type of cookstove: Liquefied petroleum gas (LPG) cooking gas stove                             | .00  | .017                        | 10534                   | 0         |
| QH117_5 Type of cookstove: Biogas stove  | .00  | .019                        | 10534                   | 0         |
| QH117_6 Type of cookstove: Liquid fuel stove   | .00  | .031                        | 10534                   | 0         |
| QH117_7 Type of cookstove: Manufactured solid fuel stove   | .00  | .024                        | 10534                   | 0         |
| QH117_8 Type of cookstove: Traditional solid fuel stove  | .13  | .331                        | 10534                   | 0         |
| QH117_9 Type of cookstove: Three stone stove/open fire   | .84  | .368                        | 10534                   | 0         |
| QH117_95 Type of cookstove: No food cooked in household  | .01  | .092                        | 10534                   | 0         |
| QH117_96 Type of cookstove: Other  | .00  | .032                        | 10534                   | 0         |
| QH120_1 Type of cooking fuel: Alcohol/ethanol  | .00  | .010                        | 10534                   | 0         |
| QH120_3 Type of cooking fuel: Kerosene/paraffin  | .00  | .062                        | 10534                   | 0         |
| QH120_4 Type of cooking fuel: Coal/lignite   | .00  | .010                        | 10534                   | 0         |
| QH120_5 Type of cooking fuel: Charcoal   | .12  | .328                        | 10534                   | 0         |
| QH120_6 Type of cooking fuel: Wood   | .83  | .377                        | 10534                   | 0         |
| QH120_7 Type of cooking fuel: Straw/shrubs/grass   | .01  | .089                        | 10534                   | 0         |
| QH120_8 Type of cooking fuel: Agricultural crop  | .00  | .036                        | 10534                   | 0         |
| QH120_10 Type of cooking fuel: Processed biomass (pellets) or woodchips                                | .00  | .010                        | 10534                   | 0         |
| QH120_11 Type of cooking fuel: Garbage/plastic   | .00  | .051                        | 10534                   | 0         |
| QH120_12 Type of cooking fuel: Sawdust   | .00  | .014                        | 10534                   | 0         |
| QH120_96 Type of cooking fuel: Other   | .00  | .019                        | 10534                   | 0         |
| QH123_1 Heat source for home: Central heating  | .00  | .014                        | 10534                   | 0         |
| QH123_3 Heat source for home: Traditional space heater   | .00  | .010                        | 10534                   | 0         |
| QH123_4 Heat source for home: Manufactured cookstove   | .00  | .038                        | 10534                   | 0         |
| QH123_5 Heat source for home: Traditional cookstove  | .00  | .067                        | 10534                   | 0         |

|  | Component<br>1 | Sum over each variable |                  |
|--|----------------|------------------------|------------------|
|  |                | If has                 | If does not have |
| QH101_11 Source of drinking water: Piped into dwelling   | .039           | 0.1212364431           | -0.0125198086    |
| QH101_12 Source of drinking water: Piped to yard/plot  | .021           | 0.0923346764           | -0.0048432116    |
| QH101_13 Source of drinking water: Piped to neighbor   | .006           | 0.0194946735           | -0.0017418198    |
| QH101_14 Source of drinking water: Public tap/standpipe  | -.006          | -0.0108474097          | 0.0029595760     |
| QH101_21 Source of drinking water: Tube well or borehole   | -.002          | -0.0090240944          | -0.0004790357    |
| QH101_31 Source of drinking water: Protected well  | .000           | 0.0002834152           | -0.0000392016    |
| QH101_32 Source of drinking water: Unprotected well  | -.023          | -0.0534974498          | 0.002805194      |
| QH101_41 Source of drinking water: Protected spring  | -.004          | -0.0241850845          | 0.0100494476     |
| QH101_42 Source of drinking water: Unprotected spring  | -.011          | -0.0447678949          | 0.0029537206     |
| QH101_51 Source of drinking water: Rainwater   | .003           | 0.0198297076           | -0.0004998437    |
| QH101_61 Source of drinking water: Tanker truck  | .007           | 0.1337522603           | -0.0003309439    |
| QH101_71 Source of drinking water: Cart with small tank  | .004           | 0.0785133698           | -0.0002092494    |
| QH101_81 Source of drinking water: Surface water (river/dam/lake/pond/stream/canal/irrigation channel) | -.016          | -0.0479860958          | 0.0054027438     |
| QH101_91 Source of drinking water: Bottled water   | .016           | 0.2606190063           | -0.0010183341    |
| QH101_92 Source of drinking water: Sachet water  | .001           | 0.1286797808           | -0.0000122168    |
| QH101_93 Source of drinking water: Water kiosk/domestic points   | .003           | 0.1343383595           | -0.0000637945    |
| QH101_96 Source of drinking water: Other   | -.002          | -0.0174189418          | 0.0001332997     |
| QH109_11 Type of toilet facility: Flush to piped sewer system  | .009           | 0.1509716237           | -0.0005321473    |
| QH109_12 Type of toilet facility: Flush to septic tank   | .016           | 0.1225040792           | -0.0020935813    |
| QH109_13 Type of toilet facility: Flush to pit latrine   | .033           | 0.0910707706           | -0.0120729234    |
| QH109_14 Type of toilet facility: Flush to somewhere else  | .005           | 0.0840121504           | -0.0003202293    |
| QH109_21 Type of toilet facility: Ventilated improved pit latrine                                      | .024           | 0.0957972476           | -0.0059191324    |
| QH109_22 Type of toilet facility: Pit latrine with slab (washable)                                     | .024           | 0.0640514072           | -0.0089225841    |
| QH109_23 Type of toilet facility: Pit latrine with slab (not washable)                                 | -.023          | -0.0406696867          | 0.0129223173     |
| QH109_24 Type of toilet facility: Pit latrine without slab/open pit                                    | -.026          | -0.0609549852          | 0.0114350728     |
| QH109_31 Type of toilet facility: Composting toilet  | .000           | 0.0119683401           | -0.000068209     |
| QH109_41 Type of toilet facility: Bucket toilet  | -.002          | -0.0593088490          | 0.0000450761     |
| QH109_51 Type of toilet facility: Hanging toilet/hanging latrine                                       | -.001          | -0.0423232911          | 0.0000402160     |
| QH109_61 Type of toilet facility: No facility/bush/field   | -.030          | -0.0790723282          | 0.0116034725     |
| QH109_96 Type of toilet facility: Other  | -.002          | -0.0609232887          | 0.0000405114     |
| QH109_11_sh Type of toilet facility: Flush to piped sewer system - shared                              | .003           | 0.1690112649           | -0.0000481468    |
| QH109_12_sh Type of toilet facility: Flush to septic tank - shared                                     | .007           | 0.1303087834           | -0.0003846113    |
| QH109_13_sh Type of toilet facility: Flush to pit latrine - shared                                     | .017           | 0.0925260252           | -0.0029231556    |
| QH109_14_sh Type of toilet facility: Flush to somewhere else - shared                                  | -.001          | -0.0211561233          | 0.0001029250     |
| QH109_21_sh Type of toilet facility: Ventilated improved pit latrine - shared                          | .010           | 0.0904065855           | -0.0011391269    |
| QH109_22_sh Type of toilet facility: Pit latrine with slab (washable) - shared                         | .011           | 0.0665810896           | -0.0017314845    |
| QH109_23_sh Type of toilet facility: Pit latrine with slab (not washable) - shared                     | -.009          | -0.0419363808          | 0.0018453670     |
| QH109_24_sh Type of toilet facility: Pit latrine without slab/open pit - shared                        | -.010          | -0.0560877473          | 0.0016159669     |
| QH109_31_sh Type of toilet facility: Composting toilet - shared  | .000           | -0.0397345630          | 0.0000037724     |
| QH109_41_sh Type of toilet facility: Bucket toilet - shared  | .000           | 0.0220410227           | -0.0000104668    |
| QH109_51_sh Type of toilet facility: Hanging toilet/hanging latrine - shared                           | .000           | -0.0091099227          | 0.0000086649     |
| QH109_96_sh Type of toilet facility: Other - shared  | .000           | -0.0235826533          | 0.0000089583     |
| QH117_1 Type of cookstove: Electric stove  | .010           | 0.2532647932           | -0.0003611533    |
| QH117_2 Type of cookstove: Solar cooker  | .000           | 0.0046050719           | -0.0000039378    |
| QH117_3 Type of cookstove: Piped natural gas stove   | .038           | 0.2566794119           | -0.0057039869    |
| QH117_4 Type of cookstove: Liquefied petroleum gas (LPG) cooking gas stove                             | .004           | 0.2260014020           | -0.0000643817    |
| QH117_5 Type of cookstove: Biogas stove  | .005           | 0.2800546368           | -0.0001063835    |
| QH117_6 Type of cookstove: Liquid fuel stove   | .005           | 0.1617019612           | -0.0001536507    |
| QH117_7 Type of cookstove: Manufactured solid fuel stove   | .003           | 0.1258471098           | -0.0000717214    |
| QH117_8 Type of cookstove: Traditional solid fuel stove  | .053           | 0.1396923246           | -0.0200643736    |
| QH117_9 Type of cookstove: Three stone stove/open fire   | -.066          | -0.0289999004          | -0.1506971293    |
| QH117_95 Type of cookstove: No food cooked in household  | .004           | 0.0385324251           | -0.0003320489    |
| QH117_96 Type of cookstove: Other  | .003           | 0.1012661975           | -0.0001058565    |
| QH120_1 Type of cooking fuel: Alcohol/ethanol  | .003           | 0.3303857945           | -0.0000313667    |
| QH120_3 Type of cooking fuel: Kerosene/paraffin  | .008           | 0.1221953232           | -0.0004657721    |
| QH120_4 Type of cooking fuel: Coal/lignite   | .000           | 0.0363516297           | -0.0000034512    |
| QH120_5 Type of cooking fuel: Charcoal   | .053           | 0.1408174791           | -0.0195990154    |
| QH120_6 Type of cooking fuel: Wood   | -.064          | -0.0293865522          | 0.1413569340     |
| QH120_7 Type of cooking fuel: Straw/shrubs/grass   | .000           | 0.0006626506           | -0.0000053905    |
| QH120_8 Type of cooking fuel: Agricultural crop  | -.001          | -0.0359937699          | 0.0000479005     |
| QH120_10 Type of cooking fuel: Processed biomass (pellets) or woodchips                                | .002           | 0.2132386112           | -0.0000202448    |
| QH120_11 Type of cooking fuel: Garbage/plastic   | .003           | 0.0544598523           | -0.0001451433    |
| QH120_12 Type of cooking fuel: Sawdust   | .001           | 0.0929331294           | -0.0000176478    |
| QH120_96 Type of cooking fuel: Other   | .002           | 0.1077345673           | -0.0000409248    |
| QH123_1 Heat source for home: Central heating  | .003           | 0.2464812465           | -0.0000468062    |
| QH123_3 Heat source for home: Traditional space heater   | .001           | 0.1160355637           | -0.0000110164    |
| QH123_4 Heat source for home: Manufactured cookstove   | .003           | 0.0825765993           | -0.0001177535    |
| QH123_5 Heat source for home: Traditional cookstove  | .001           | 0.0090892928           | -0.0000407358    |

|   |     |      |       |   |
|---|-----|------|-------|---|
| QH123_6 Heat source for home: Three stone stove/open fire                     | .02 | .134 | 10534 | 0 |
| QH123_95 Heat source for home: No space heating in household                  | .97 | .162 | 10534 | 0 |
| QH123_96 Heat source for home: Other  | .00 | .048 | 10534 | 0 |
| QH125_1 Type of fuel for home heat: Electricity                               | .00 | .017 | 10534 | 0 |
| QH125_3 Type of fuel for home heat: Solar air heater                          | .00 | .010 | 10534 | 0 |
| QH125_4 Type of fuel for home heat: Liquefied petroleum gas (LPG)/cooking gas | .00 | .010 | 10534 | 0 |
| QH125_8 Type of fuel for home heat: Kerosene/paraffin                         | .00 | .019 | 10534 | 0 |
| QH125_10 Type of fuel for home heat: Charcoal                                 | .01 | .073 | 10534 | 0 |
| QH125_11 Type of fuel for home heat: Wood                                     | .02 | .138 | 10534 | 0 |
| QH125_96 Type of fuel for home heat: Other                                    | .00 | .034 | 10534 | 0 |
| QH126_1 Type of light at home: Electricity                                    | .19 | .392 | 10534 | 0 |
| QH126_2 Type of light at home: Solar lantern                                  | .42 | .493 | 10534 | 0 |
| QH126_3 Type of light at home: Rechargeable flashlight, torch, or lantern     | .08 | .269 | 10534 | 0 |
| QH126_4 Type of light at home: Battery powered flashlight, torch or lantern   | .19 | .393 | 10534 | 0 |
| QH126_5 Type of light at home: Biogas lamp                                    | .00 | .010 | 10534 | 0 |
| QH126_6 Type of light at home: Gasoline lamp                                  | .00 | .044 | 10534 | 0 |
| QH126_7 Type of light at home: Kerosene or paraffin lamp                      | .09 | .284 | 10534 | 0 |
| QH126_8 Type of light at home: Charcoal                                       | .00 | .050 | 10534 | 0 |
| QH126_9 Type of light at home: Wood   | .02 | .137 | 10534 | 0 |
| QH126_10 Type of light at home: Straw/shrubs/grass                            | .00 | .026 | 10534 | 0 |
| QH126_11 Type of light at home: Agricultural crop                             | .00 | .010 | 10534 | 0 |
| QH126_13 Type of light at home: Oil lamp                                      | .00 | .055 | 10534 | 0 |
| QH126_14 Type of light at home: Candle  | .00 | .047 | 10534 | 0 |
| QH126_95 Type of light at home: No lighting in household                      | .00 | .054 | 10534 | 0 |
| QH126_96 Type of light at home: Other   | .00 | .067 | 10534 | 0 |
| QH132A Electricity  | .20 | .403 | 10534 | 0 |
| QH132B Radio  | .37 | .482 | 10534 | 0 |
| QH132C Television   | .16 | .365 | 10534 | 0 |
| QH132D Telephone (non-mobile)   | .01 | .096 | 10534 | 0 |
| QH132E Computer   | .01 | .110 | 10534 | 0 |
| QH132F Refrigerator   | .05 | .215 | 10534 | 0 |
| QH132G Battery or generator   | .11 | .317 | 10534 | 0 |
| QH132H Iron (charcoal or electrical)  | .16 | .370 | 10534 | 0 |
| QH132I Table  | .56 | .496 | 10534 | 0 |
| QH132J Chair  | .68 | .468 | 10534 | 0 |
| QH132K Sofa   | .11 | .316 | 10534 | 0 |
| QH132L Bed  | .82 | .382 | 10534 | 0 |
| QH132M Cupboard/cabinet   | .11 | .317 | 10534 | 0 |
| QH132N Water pump   | .01 | .093 | 10534 | 0 |
| QH132O Sewing machine   | .05 | .220 | 10534 | 0 |
| QH132P Blender  | .04 | .204 | 10534 | 0 |
| QH132Q CD/DVD player  | .07 | .250 | 10534 | 0 |
| QH132R Washing machine  | .00 | .060 | 10534 | 0 |
| QH132S Microwave oven   | .01 | .078 | 10534 | 0 |
| QH132T Air conditioner  | .00 | .059 | 10534 | 0 |
| QH133A Watch  | .13 | .336 | 10534 | 0 |
| QH133C Bicycle  | .33 | .469 | 10534 | 0 |
| QH133D Motorcycle or scooter  | .12 | .322 | 10534 | 0 |
| QH133E Animal-drawn cart  | .03 | .166 | 10534 | 0 |
| QH133F Car or Truck   | .02 | .131 | 10534 | 0 |
| QH133G Boat with a motor  | .00 | .058 | 10534 | 0 |
| MOBPHONE Owns a mobile phone  | .82 | .382 | 10534 | 0 |
| CHECKACC Possession of a bank account   | .14 | .343 | 10534 | 0 |
| QH152_11 Main floor material: Earth/sand                                      | .59 | .492 | 10534 | 0 |
| QH152_12 Main floor material: Dung  | .00 | .040 | 10534 | 0 |
| QH152_21 Main floor material: Wood planks                                     | .02 | .141 | 10534 | 0 |
| QH152_22 Main floor material: Palm/bamboo                                     | .00 | .032 | 10534 | 0 |
| QH152_31 Main floor material: Parquet or polished wood                        | .01 | .071 | 10534 | 0 |
| QH152_32 Main floor material: Vinyl or asphalt strips                         | .00 | .017 | 10534 | 0 |
| QH152_33 Main floor material: Ceramic tiles                                   | .02 | .147 | 10534 | 0 |
| QH152_34 Main floor material: Cement  | .35 | .478 | 10534 | 0 |
| QH152_35 Main floor material: Carpet  | .00 | .066 | 10534 | 0 |
| QH152_96 Main floor material: Other   | .00 | .049 | 10534 | 0 |
| QH153_11 Main roof material: No roof  | .03 | .173 | 10534 | 0 |
| QH153_12 Main roof material: Thatch/palm leaf                                 | .14 | .351 | 10534 | 0 |
| QH153_13 Main roof material: Sod  | .00 | .031 | 10534 | 0 |
| QH153_21 Main roof material: Rustic mat                                       | .03 | .168 | 10534 | 0 |
| QH153_22 Main roof material: Palm/bamboo                                      | .00 | .047 | 10534 | 0 |
| QH153_23 Main roof material: Wood planks                                      | .00 | .029 | 10534 | 0 |
| QH153_24 Main roof material: Cardboard  | .00 | .014 | 10534 | 0 |
| QH153_31 Main roof material: Metal  | .79 | .409 | 10534 | 0 |
| QH153_32 Main roof material: Wood   | .00 | .040 | 10534 | 0 |
| QH153_33 Main roof material: Calamine/cement fiber                            | .00 | .022 | 10534 | 0 |
| QH153_34 Main roof material: Ceramic tiles                                    | .00 | .010 | 10534 | 0 |
| QH153_35 Main roof material: Cement   | .00 | .010 | 10534 | 0 |
| QH153_36 Main roof material: Roofing shingles                                 | .00 | .019 | 10534 | 0 |
| QH153_96 Main roof material: Other  | .00 | .046 | 10534 | 0 |
| QH154_11 Main wall material: No walls   | .03 | .167 | 10534 | 0 |
| QH154_12 Main wall material: Cane/palm/trunks                                 | .00 | .062 | 10534 | 0 |
| QH154_13 Main wall material: Dirt   | .19 | .389 | 10534 | 0 |

|   |       |               |               |  |
|---|-------|---------------|---------------|--|
| QH123_6 Heat source for home: Three stone stove/open fire                     | -.009 | -0.0657192312 | 0.0012330301  |  |
| QH123_95 Heat source for home: No space heating in household                  | .005  | 0.000889236   | -0.0321991355 |  |
| QH123_96 Heat source for home: Other  | .003  | 0.0567638209  | -0.0001296224 |  |
| QH125_1 Type of fuel for home heat: Electricity                               | .005  | 0.2957060430  | -0.0000842387 |  |
| QH125_3 Type of fuel for home heat: Solar air heater                          | .000  | -0.0449315237 | 0.0000042658  |  |
| QH125_4 Type of fuel for home heat: Liquefied petroleum gas (LPG)/cooking gas | -.001 | -0.1059312157 | 0.0000100571  |  |
| QH125_8 Type of fuel for home heat: Kerosene/paraffin                         | .001  | 0.0346756325  | -0.0000131721 |  |
| QH125_10 Type of fuel for home heat: Charcoal                                 | .006  | 0.0810294364  | -0.0004408397 |  |
| QH125_11 Type of fuel for home heat: Wood                                     | -.011 | -0.0750788870 | 0.0014900931  |  |
| QH125_96 Type of fuel for home heat: Other                                    | .002  | 0.0654317251  | -0.0000746228 |  |
| QH126_1 Type of light at home: Electricity                                    | .082  | 0.170223914   | -0.0399668800 |  |
| QH126_2 Type of light at home: Solar lantern                                  | -.020 | -0.0241909923 | 0.0171704609  |  |
| QH126_3 Type of light at home: Rechargeable flashlight, torch, or lantern     | -.018 | -0.0607272277 | 0.0051669438  |  |
| QH126_4 Type of light at home: Battery powered flashlight, torch or lantern   | -.034 | -0.0709184820 | 0.0167023589  |  |
| QH126_5 Type of light at home: Biogas lamp                                    | .001  | 0.0618072085  | -0.0000058680 |  |
| QH126_6 Type of light at home: Gasoline lamp                                  | -.002 | -0.0523852071 | 0.0000996485  |  |
| QH126_7 Type of light at home: Kerosene or paraffin lamp                      | -.009 | -0.0285927456 | 0.0027785680  |  |
| QH126_8 Type of light at home: Charcoal                                       | .005  | 0.1005856369  | -0.0002488796 |  |
| QH126_9 Type of light at home: Wood   | -.008 | -0.0557943872 | 0.0010908310  |  |
| QH126_10 Type of light at home: Straw/shrubs/grass                            | -.003 | -0.1117041006 | 0.0000742784  |  |
| QH126_11 Type of light at home: Agricultural crop                             | .001  | 0.1506450192  | -0.0000143022 |  |
| QH126_13 Type of light at home: Oil lamp                                      | -.001 | -0.0172424048 | 0.0000525383  |  |
| QH126_14 Type of light at home: Candle  | -.001 | -0.0220278599 | 0.0000482010  |  |
| QH126_95 Type of light at home: No lighting in household                      | -.005 | -0.0836703712 | 0.0002469563  |  |
| QH126_96 Type of light at home: Other   | -.003 | -0.0417418857 | 0.0001910748  |  |
| QH132A Electricity  | .082  | 0.1621277181  | -0.0416490845 |  |
| QH132B Radio  | .044  | 0.0576869466  | -0.0334459712 |  |
| QH132C Television   | .076  | 0.1755595738  | -0.0330288032 |  |
| QH132D Telephone (non-mobile)   | .008  | 0.0794068393  | -0.0007533567 |  |
| QH132E Computer   | .031  | 0.2771565901  | -0.0034361557 |  |
| QH132F Refrigerator   | .061  | 0.2715813848  | -0.0138174887 |  |
| QH132G Battery or generator   | -.001 | -0.0029068959 | 0.0003705569  |  |
| QH132H Iron (charcoal or electrical)  | .066  | 0.1496805345  | -0.0292904928 |  |
| QH132I Table  | .047  | 0.0412484142  | -0.0526186835 |  |
| QH132J Chair  | .024  | 0.0168589489  | -0.0350685855 |  |
| QH132K Sofa   | .056  | 0.1571604341  | -0.0199203246 |  |
| QH132L Bed  | .034  | 0.0159856586  | -0.0742570680 |  |
| QH132M Cupboard/cabinet   | .057  | 0.1580609795  | -0.0202824607 |  |
| QH132N Water pump   | .017  | 0.1823206134  | -0.0016063490 |  |
| QH132O Sewing machine   | .033  | 0.1444443460  | -0.0077437657 |  |
| QH132P Blender  | .060  | 0.2793454116  | -0.0127554982 |  |
| QH132Q CD/DVD player  | .060  | 0.2235783080  | -0.0160121189 |  |
| QH132R Washing machine  | .016  | 0.2692707542  | -0.0009748751 |  |
| QH132S Microwave oven   | .026  | 0.3275766971  | -0.0020023790 |  |
| QH132T Air conditioner  | .013  | 0.2188595090  | -0.0007714396 |  |
| QH133A Watch  | .047  | 0.1206039119  | -0.0179695619 |  |
| QH133C Bicycle  | .011  | 0.0157635429  | -0.0076803595 |  |
| QH133D Motorcycle or scooter  | .030  | 0.0826433788  | -0.0110363105 |  |
| QH133E Animal-drawn cart  | .000  | -0.0020702054 | 0.0000604779  |  |
| QH133F Car or Truck   | .036  | 0.2736040211  | -0.0048640715 |  |
| QH133G Boat with a motor  | .007  | 0.1237638298  | -0.0004125854 |  |
| MOBPHONE Owns a mobile phone  | .034  | 0.0155582727  | -0.0722247183 |  |
| CHECKACC Possession of a bank account   | .058  | 0.1460553551  | -0.0231087032 |  |
| QH152_11 Main floor material: Earth/sand                                      | -.074 | -0.0621344336 | 0.0891656412  |  |
| QH152_12 Main floor material: Dung  | -.004 | -0.0900783890 | 0.0001456055  |  |
| QH152_21 Main floor material: Wood planks                                     | .000  | 0.0027800198  | -0.0000579227 |  |
| QH152_22 Main floor material: Palm/bamboo                                     | -.001 | -0.0211250987 | 0.0000220827  |  |
| QH152_31 Main floor material: Parquet or polished wood                        | .005  | 0.0682942894  | -0.0003518981 |  |
| QH152_32 Main floor material: Vinyl or asphalt strips                         | .001  | 0.0300264605  | -0.0000085537 |  |
| QH152_33 Main floor material: Ceramic tiles                                   | .038  | 0.2536622904  | -0.0057376287 |  |
| QH152_34 Main floor material: Cement  | .062  | 0.0843227798  | -0.0460730162 |  |
| QH152_35 Main floor material: Carpet  | .013  | 0.1947511151  | -0.0008541716 |  |
| QH152_96 Main floor material: Other   | .002  | 0.0482938331  | -0.0001148868 |  |
| QH153_11 Main roof material: No roof  | -.013 | -0.0718322916 | 0.0022867563  |  |
| QH153_12 Main roof material: Thatch/palm leaf                                 | -.040 | -0.0978889573 | 0.0164052431  |  |
| QH153_13 Main roof material: Sod  | -.003 | -0.0832932725 | 0.0000791460  |  |
| QH153_21 Main roof material: Rustic mat                                       | -.010 | -0.0587423795 | 0.0017692796  |  |
| QH153_22 Main roof material: Palm/bamboo                                      | -.003 | -0.0702041033 | 0.0001536195  |  |
| QH153_23 Main roof material: Wood planks                                      | .001  | 0.0227645425  | -0.0000194661 |  |
| QH153_24 Main roof material: Cardboard  | .000  | -0.0080911679 | 0.0000015365  |  |
| QH153_31 Main roof material: Metal  | .044  | 0.0230789493  | -0.0855024049 |  |
| QH153_32 Main roof material: Wood   | -.001 | -0.0208936858 | 0.0000337732  |  |
| QH153_33 Main roof material: Calamine/cement fiber                            | .002  | 0.0871264623  | -0.0000413745 |  |
| QH153_34 Main roof material: Ceramic tiles                                    | .002  | 0.2218157745  | -0.0000210591 |  |
| QH153_35 Main roof material: Cement   | .002  | 0.2328905538  | -0.0000221106 |  |
| QH153_36 Main roof material: Roofing shingles                                 | .003  | 0.1498737040  | -0.0000569321 |  |
| QH153_96 Main roof material: Other  | -.002 | -0.0395157121 | 0.0000827003  |  |
| QH154_11 Main wall material: No walls   | -.013 | -0.0763702038 | 0.0022617703  |  |
| QH154_12 Main wall material: Cane/palm/trunks                                 | -.006 | -0.0957250207 | 0.0003740328  |  |
| QH154_13 Main wall material: Dirt   | -.034 | -0.0708070127 | 0.0161762027  |  |

Urban

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

| Model |                    | Unstandardized Coefficients |            | Standardized Coefficients | t       | Sig.  |
|-------|--------------------|-----------------------------|------------|---------------------------|---------|-------|
|       |                    | B                           | Std. Error | Beta                      |         |       |
| 1     | (Constant)         | .860                        | .001       |                           | 595.474 | 0.000 |
|       | urbscore           |                             |            |                           |         |       |
|       | Urban wealth score | .876                        | .001       | .993                      | 606.996 | 0.000 |

a. Dependent Variable: comscore Common wealth score

$$\text{Combined Score} = 0.859659896411573 + 0.876379065887378 * \text{Urban Score}$$

Rural

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

| Model |                | Unstandardized Coefficients |            | Standardized Coefficients | t        | Sig.  |
|-------|----------------|-----------------------------|------------|---------------------------|----------|-------|
|       |                | B                           | Std. Error | Beta                      |          |       |
| 1     | (Constant)     | -.422                       | .001       |                           | -760.954 | 0.000 |
|       | rurscore Rural |                             |            |                           |          |       |
|       | wealth score   | .751                        | .001       | .997                      | 1354.779 | 0.000 |

a. Dependent Variable: comscore Common wealth score

$$\text{Combined Score} = -0.4219955690473 + 0.751343653050784 * \text{Rural Score}$$

Combined Score

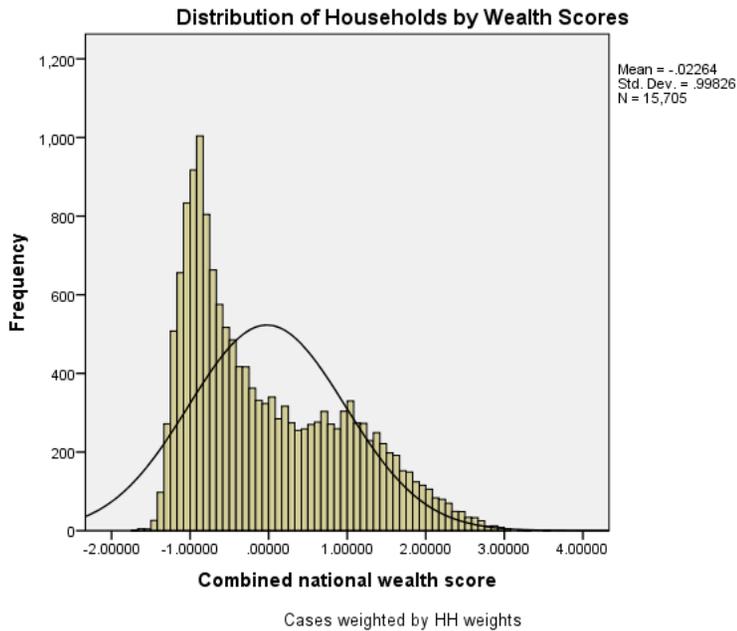
**Statistics**

combscor Combined national wealth score

|                        |         |                       |
|------------------------|---------|-----------------------|
| N                      | Valid   | 15705                 |
|                        | Missing | 0                     |
| Mean                   |         | -.0226406             |
| Std. Error of Mean     |         | .00796575             |
| Median                 |         | -.3190596             |
| Mode                   |         | -1.20987 <sup>a</sup> |
| Std. Deviation         |         | .99826497             |
| Skewness               |         | .708                  |
| Std. Error of Skewness |         | .020                  |
| Kurtosis               |         | -.544                 |
| Std. Error of Kurtosis |         | .039                  |
| Minimum                |         | -1.74713              |
| Maximum                |         | 3.54602               |
| Percentiles            | 20      | -.9323157             |
|                        | 40      | -.5964410             |
|                        | 60      | .0488012              |
|                        | 80      | .9790501              |

a. Multiple modes exist. The smallest value is

Histogram



|  | Ncombsco Combined wealth index |          |          |          |           | Nurbscor Urban wealth index |          |          |          |           | Nrurscor Rural wealth index |          |          |          |           |
|--|--------------------------------|----------|----------|----------|-----------|-----------------------------|----------|----------|----------|-----------|-----------------------------|----------|----------|----------|-----------|
|  | 1 Lowest                       | 2 Second | 3 Middle | 4 Fourth | 5 Highest | 1 Lowest                    | 2 Second | 3 Middle | 4 Fourth | 5 Highest | 1 Lowest                    | 2 Second | 3 Middle | 4 Fourth | 5 Highest |
| QH101_11 Source of drinking water: Piped into dwelling   | .024                           | .028     | .078     | .179     | .361      | .080                        | .183     | .222     | .292     | .518      | .026                        | .022     | .032     | .093     | .248      |
| QH101_12 Source of drinking water: Piped to yard/plot  | .005                           | .017     | .058     | .146     | .263      | .057                        | .190     | .289     | .339     | .254      | .003                        | .009     | .027     | .064     | .121      |
| QH101_13 Source of drinking water: Piped to neighbor   | .050                           | .084     | .143     | .196     | .121      | .292                        | .283     | .224     | .154     | .044      | .035                        | .066     | .085     | .108     | .103      |
| QH101_14 Source of drinking water: Public tap/standpipe  | .192                           | .248     | .235     | .160     | .061      | .201                        | .111     | .076     | .042     | .025      | .190                        | .224     | .247     | .243     | .174      |
| QH101_21 Source of drinking water: Tube well or borehole   | .050                           | .052     | .055     | .041     | .037      | .048                        | .040     | .036     | .039     | .032      | .053                        | .044     | .062     | .051     | .044      |
| QH101_31 Source of drinking water: Protected well  | .089                           | .139     | .130     | .113     | .060      | .099                        | .096     | .070     | .048     | .038      | .082                        | .124     | .141     | .140     | .117      |
| QH101_32 Source of drinking water: Unprotected well  | .286                           | .188     | .105     | .042     | .009      | .082                        | .019     | .008     | .003     | .003      | .301                        | .237     | .164     | .105     | .049      |
| QH101_41 Source of drinking water: Protected spring  | .021                           | .030     | .021     | .015     | .011      | .017                        | .009     | .019     | .013     | .015      | .004                        | .020     | .030     | .029     | .020      |
| QH101_42 Source of drinking water: Unprotected spring  | .096                           | .069     | .057     | .023     | .005      | .047                        | .016     | .008     | .005     | 0.000     | .093                        | .081     | .075     | .051     | .024      |
| QH101_51 Source of drinking water: Rainwater   | .011                           | .025     | .035     | .021     | .014      | .027                        | .017     | .008     | .013     | .005      | .009                        | .018     | .032     | .034     | .027      |
| QH101_61 Source of drinking water: Tanker truck  | .000                           | .001     | .002     | .008     | .005      | .006                        | .006     | .006     | .005     | .004      | 0.000                       | .002     | .001     | 0.000    | .009      |
| QH101_71 Source of drinking water: Cart with small tank  | .001                           | .002     | .001     | .007     | .004      | .003                        | .007     | .006     | .003     | .003      | .001                        | .002     | .002     | .002     | .006      |
| QH101_81 Source of drinking water: Surface water (river/dam/lake/pond/stream/canal/irrigation channel) | .167                           | .107     | .072     | .032     | .007      | .031                        | .006     | .009     | .004     | .002      | .179                        | .133     | .098     | .079     | .042      |
| QH101_91 Source of drinking water: Bottled water   | 0.000                          | 0.000    | .002     | .010     | .036      | .005                        | .015     | .014     | .034     | .059      | 0.000                       | 0.000    | 0.000    | .001     | .015      |
| QH101_92 Source of drinking water: Sachet water  | 0.000                          | 0.000    | 0.000    | .001     | .002      | .001                        | 0.000    | .002     | .002     | .004      | 0.000                       | 0.000    | 0.000    | 0.000    | .000      |
| QH101_93 Source of drinking water: Water kiosk/domestic points   | 0.000                          | 0.000    | .001     | .001     | .002      | .001                        | 0.000    | .003     | .003     | 0.000     | 0.000                       | 0.000    | 0.000    | .000     | .002      |
| QH101_96 Source of drinking water: Other   | .007                           | .009     | .006     | .005     | .001      | .004                        | .002     | .001     | 0.000    | .002      | .008                        | .008     | .008     | .009     | .006      |
| QH109_11 Type of toilet facility: Flush to piped sewer system  | 0.000                          | 0.000    | .002     | .011     | .039      | .001                        | .014     | .012     | .022     | .101      | 0.000                       | 0.000    | 0.000    | .004     | .012      |
| QH109_12 Type of toilet facility: Flush to septic tank   | .001                           | .003     | .018     | .032     | .085      | .008                        | .033     | .030     | .075     | .160      | .001                        | .003     | .006     | .021     | .044      |
| QH109_13 Type of toilet facility: Flush to pit latrine   | .013                           | .058     | .138     | .178     | .292      | .103                        | .129     | .163     | .276     | .378      | .009                        | .031     | .077     | .161     | .254      |
| QH109_14 Type of toilet facility: Flush to somewhere else  | .001                           | .001     | .005     | .006     | .011      | .006                        | .004     | .008     | .010     | .015      | .001                        | .001     | .002     | .006     | .008      |
| QH109_21 Type of toilet facility: Ventilated improved pit latrine                                      | .003                           | .021     | .071     | .103     | .112      | .050                        | .089     | .068     | .088     | .131      | .002                        | .008     | .034     | .083     | .134      |
| QH109_22 Type of toilet facility: Pit latrine with slab (washable)                                     | .007                           | .067     | .179     | .203     | .126      | .153                        | .139     | .115     | .129     | .076      | .005                        | .029     | .092     | .197     | .237      |
| QH109_23 Type of toilet facility: Pit latrine with slab (not washable)                                 | .275                           | .362     | .238     | .084     | .009      | .213                        | .048     | .014     | .003     | .003      | .238                        | .352     | .349     | .231     | .080      |
| QH109_24 Type of toilet facility: Pit latrine without slab/open pit                                    | .259                           | .232     | .115     | .025     | .003      | .117                        | .019     | .005     | .001     | 0.000     | .258                        | .264     | .204     | .098     | .020      |

|  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| QH109_31 Type of toilet facility: Composting toilet                                | 0.000 | .000  | .001  | .001  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .001  | 0.000 | .001  | .001  |       |
| QH109_41 Type of toilet facility: Bucket toilet                                    | .001  | .001  | .001  | .000  | 0.000 | .001  | .001  | 0.000 | 0.000 | 0.000 | 0.000 | .001  | .002  | .001  | .000  | 0.000 |
| QH109_51 Type of toilet facility: Hanging toilet/hanging latrine                   | .001  | .002  | .001  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .001  | .001  | .003  | .001  | 0.000 |
| QH109_61 Type of toilet facility: No facility/bush/field                           | .316  | .116  | .061  | .009  | .000  | .049  | .004  | 0.000 | 0.000 | 0.000 | 0.000 | .364  | .173  | .103  | .055  | .007  |
| QH109_96 Type of toilet facility: Other  | .001  | .001  | .001  | 0.000 | 0.000 | .001  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .001  | .001  | .002  | .000  | 0.000 |
| QH109_11_sh Type of toilet facility: Flush to piped sewer system - shared          | 0.000 | 0.000 | 0.000 | .002  | .011  | 0.000 | .003  | .013  | .015  | .013  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .001  |
| QH109_12_sh Type of toilet facility: Flush to septic tank - shared                 | 0.000 | .001  | .003  | .021  | .035  | .012  | .032  | .057  | .048  | .022  | 0.000 | .001  | .001  | .002  | .002  | .009  |
| QH109_13_sh Type of toilet facility: Flush to pit latrine - shared                 | .006  | .018  | .034  | .116  | .118  | .065  | .162  | .212  | .143  | .047  | .004  | .011  | .020  | .026  | .081  |       |
| QH109_14_sh Type of toilet facility: Flush to somewhere else - shared              | .004  | .008  | .006  | .007  | .004  | .013  | .009  | .008  | .004  | .001  | .003  | .006  | .008  | .005  | .003  |       |
| QH109_21_sh Type of toilet facility: Ventilated improved pit latrine - shared      | .002  | .007  | .015  | .053  | .052  | .035  | .089  | .085  | .067  | .021  | .001  | .004  | .009  | .010  | .032  |       |
| QH109_22_sh Type of toilet facility: Pit latrine with slab (washable) - shared     | .003  | .014  | .042  | .114  | .093  | .085  | .184  | .192  | .111  | .028  | .002  | .008  | .021  | .031  | .054  |       |
| QH109_23_sh Type of toilet facility: Pit latrine with slab (not washable) - shared | .057  | .054  | .044  | .024  | .007  | .053  | .027  | .015  | .006  | .002  | .058  | .062  | .041  | .042  | .015  |       |
| QH109_24_sh Type of toilet facility: Pit latrine without slab/open pit - shared    | .051  | .032  | .024  | .012  | .002  | .034  | .014  | .004  | .001  | 0.000 | .051  | .045  | .025  | .021  | .008  |       |
| QH109_31_sh Type of toilet facility: Composting toilet - shared                    | 0.000 | .000  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .001  | 0.000 | 0.000 | .001  | 0.000 | 0.000 |
| QH109_41_sh Type of toilet facility: Bucket toilet - shared                        | 0.000 | 0.000 | .001  | .000  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .002  | .000  |
| QH109_51_sh Type of toilet facility: Hanging toilet/hanging latrine - shared       | 0.000 | 0.000 | .000  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .000  | 0.000 |
| QH109_96_sh Type of toilet facility: Other - shared                                | 0.000 | .001  | 0.000 | .001  | 0.000 | .001  | .001  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .002  | 0.000 | .000  |       |
| QH117_1 Type of cookstove: Electric stove  | 0.000 | 0.000 | 0.000 | .003  | .011  | 0.000 | .007  | .007  | .011  | .010  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |       |
| QH117_2 Type of cookstove: Solar cooker  | 0.000 | .000  | .003  | .001  | .001  | .003  | 0.000 | .001  | 0.000 | .001  | 0.000 | 0.000 | 0.000 | .001  | .003  | .006  |
| QH117_3 Type of cookstove: Piped natural gas stove                                 | 0.000 | 0.000 | .002  | .055  | .284  | .006  | .071  | .165  | .254  | .480  | 0.000 | 0.000 | 0.000 | 0.000 | .001  | .091  |
| QH117_4 Type of cookstove: Liquefied petroleum gas (LPG)/cooking gas stove         | 0.000 | 0.000 | .000  | .001  | .003  | .001  | .002  | .002  | .004  | .002  | 0.000 | 0.000 | 0.000 | 0.000 | .000  | .001  |
| QH117_5 Type of cookstove: Biogas stove  | 0.000 | 0.000 | .000  | .000  | .001  | 0.000 | .001  | 0.000 | 0.000 | .002  | 0.000 | 0.000 | .001  | 0.000 | .001  |       |
| QH117_6 Type of cookstove: Liquid fuel stove                                       | 0.000 | 0.000 | .004  | .010  | .004  | .015  | .017  | .009  | .003  | .002  | 0.000 | 0.000 | 0.000 | 0.000 | .004  |       |
| QH117_7 Type of cookstove: Manufactured solid fuel stove                           | 0.000 | 0.000 | .000  | .001  | .001  | 0.000 | .001  | .002  | 0.000 | .001  | 0.000 | 0.000 | 0.000 | 0.000 | .001  | .002  |
| QH117_8 Type of cookstove: Traditional solid fuel stove                            | .001  | .006  | .156  | .467  | .579  | .329  | .610  | .675  | .661  | .475  | .001  | 0.000 | .013  | .135  | .395  |       |
| QH117_9 Type of cookstove: Three stone stove/open fire                             | .998  | .984  | .820  | .437  | .101  | .619  | .259  | .109  | .051  | .021  | .999  | .996  | .973  | .847  | .485  |       |
| QH117_95 Type of cookstove: No food cooked in household                            | .001  | .009  | .013  | .022  | .014  | .024  | .030  | .028  | .016  | .004  | 0.000 | .003  | .012  | .011  | .014  |       |
| QH117_96 Type of cookstove: Other  | 0.000 | .000  | .002  | .003  | .001  | .003  | .003  | .002  | 0.000 | .001  | 0.000 | 0.000 | .001  | .001  | .001  | .003  |
| QH120_1 Type of cooking fuel: Alcohol/ethanol                                      | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QH120_2 Type of cooking fuel: Gasoline   | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .001  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QH120_3 Type of cooking fuel: Kerosene/paraffin                                    | 0.000 | .001  | .007  | .016  | .008  | .020  | .020  | .010  | .006  | .004  | 0.000 | 0.000 | .002  | .004  | .011  |       |
| QH120_4 Type of cooking fuel: Coal/lignite   | 0.000 | 0.000 | .000  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .000  | 0.000 |
| QH120_5 Type of cooking fuel: Charcoal   | .001  | .005  | .150  | .461  | .572  | .322  | .601  | .670  | .652  | .471  | 0.000 | .001  | .010  | .128  | .388  |       |
| QH120_6 Type of cooking fuel: Wood   | .993  | .970  | .806  | .429  | .102  | .608  | .258  | .113  | .054  | .022  | .998  | .986  | .955  | .834  | .475  |       |
| QH120_7 Type of cooking fuel: Straw/shrubs/grass                                   | .003  | .010  | .010  | .007  | .001  | .004  | .005  | .002  | 0.000 | 0.000 | .002  | .007  | .014  | .011  | .006  |       |
| QH120_8 Type of cooking fuel: Agricultural crop                                    | .001  | .003  | .002  | .001  | 0.000 | .003  | .002  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .003  | .002  | .002  | 0.000 |
| QH120_10 Type of cooking fuel: Processed biomass (pellets) or woodchips            | 0.000 | 0.000 | 0.000 | .001  | .000  | 0.000 | .002  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .000  |
| QH120_11 Type of cooking fuel: Garbage/plastic                                     | .000  | .002  | .005  | .002  | .001  | .007  | .001  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .001  | .003  | .005  | .004  |
| QH120_12 Type of cooking fuel: Sawdust   | 0.000 | 0.000 | .000  | .001  | 0.000 | .001  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .001  |
| QH120_96 Type of cooking fuel: Other   | 0.000 | 0.000 | .001  | .001  | .002  | .001  | .001  | .002  | .002  | .002  | 0.000 | 0.000 | .001  | 0.000 | .001  |       |
| QH123_1 Heat source for home: Central heating                                      | 0.000 | 0.000 | 0.000 | .000  | .001  | 0.000 | 0.000 | .001  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .001  |
| QH123_3 Heat source for home: Traditional space heater                             | 0.000 | 0.000 | 0.000 | .001  | 0.000 | 0.000 | 0.000 | .001  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .000  |
| QH123_4 Heat source for home: Manufactured cookstove                               | 0.000 | .000  | .002  | .003  | .001  | .002  | .003  | .002  | .002  | 0.000 | 0.000 | 0.000 | .001  | .003  | .003  |       |
| QH123_5 Heat source for home: Traditional cookstove                                | .004  | .002  | .007  | .008  | .011  | .011  | .008  | .013  | .015  | .011  | .005  | .003  | .003  | .007  | .004  |       |
| QH123_6 Heat source for home: Three stone stove/open fire                          | .044  | .014  | .009  | .005  | .004  | .010  | .004  | .005  | .002  | .001  | .049  | .022  | .012  | .011  | .006  |       |
| QH123_95 Heat source for home: No space heating in household                       | .951  | .982  | .979  | .979  | .982  | .976  | .983  | .976  | .978  | .988  | .946  | .975  | .983  | .976  | .982  |       |
| QH123_96 Heat source for home: Other   | .001  | .001  | .003  | .003  | .002  | .001  | .002  | .003  | .003  | 0.000 | .001  | 0.000 | .003  | .004  | .004  |       |
| QH125_1 Type of fuel for home heat: Electricity                                    | 0.000 | 0.000 | .000  | .001  | .003  | .002  | .001  | .003  | .002  | .003  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .001  |
| QH125_3 Type of fuel for home heat: Solar air heater                               | 0.000 | .000  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .001  | 0.000 | 0.000 | 0.000 |
| QH125_4 Type of fuel for home heat: Liquefied petroleum gas (LPG)/cooking gas      | .000  | 0.000 | 0.000 | .000  | 0.000 | 0.000 | 0.000 | .001  | 0.000 | 0.000 | .001  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QH125_8 Type of fuel for home heat: Kerosene/paraffin                              | 0.000 | 0.000 | .001  | .000  | .000  | 0.000 | 0.000 | .001  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .001  | .000  |
| QH125_10 Type of fuel for home heat: Charcoal                                      | .001  | .002  | .009  | .013  | .015  | .013  | .013  | .020  | .019  | .009  | .001  | .001  | .003  | .011  | .010  |       |
| QH125_11 Type of fuel for home heat: Wood  | .048  | .016  | .009  | .004  | .000  | .008  | .001  | 0.000 | .001  | 0.000 | .053  | .024  | .013  | .010  | .004  |       |
| QH125_96 Type of fuel for home heat: Other   | .000  | .000  | .002  | .002  | .000  | .001  | .002  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .001  | .002  | .002  |       |
| QH126_1 Type of light at home: Electricity   | 0.000 | .002  | .071  | .618  | .981  | .080  | .727  | .971  | .988  | .996  | 0.000 | 0.000 | .007  | .096  | .706  |       |
| QH126_2 Type of light at home: Solar lantern                                       | .313  | .527  | .547  | .253  | .011  | .394  | .168  | .020  | .005  | .001  | .292  | .443  | .583  | .566  | .215  |       |
| QH126_3 Type of light at home: Rechargeable flashlight, torch, or lantern          | .141  | .101  | .072  | .029  | 0.000 | .125  | .028  | 0.000 | 0.000 | 0.000 | .150  | .112  | .091  | .053  | .013  |       |
| QH126_4 Type of light at home: Battery powered flashlight, torch or lantern        | .410  | .222  | .120  | .037  | .001  | .182  | .031  | .001  | 0.000 | 0.000 | .444  | .298  | .172  | .097  | .022  |       |
| QH126_5 Type of light at home: Biogas lamp   | 0.000 | 0.000 | 0.000 | .001  | 0.000 | 0.000 | .001  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .000  |
| QH126_6 Type of light at home: Gasoline lamp                                       | .002  | .004  | .003  | .001  | 0.000 | .008  | 0.000 | 0.000 | 0.000 | 0.000 | .002  | .003  | .004  | .002  | 0.000 | 0.000 |
| QH126_7 Type of light at home: Kerosene or paraffin lamp                           | .076  | .110  | .148  | .035  | 0.000 | .149  | .015  | 0.000 | 0.000 | 0.000 | .055  | .098  | .116  | .153  | .026  |       |

|  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| QH126_8 Type of light at home: Charcoal                  | .000  | .001  | .004  | .009  | .006  | .007  | .013  | .008  | .005  | .002  | .001  | 0.000 | .001  | .004  | .006  |
| QH126_9 Type of light at home: Wood                      | .036  | .019  | .013  | .006  | .001  | .011  | .003  | 0.000 | .001  | .001  | .037  | .027  | .015  | .015  | .006  |
| QH126_10 Type of light at home: Straw/shrubs/grass       | .003  | 0.000 | 0.000 | 0.000 | 0.000 | .001  | 0.000 | 0.000 | 0.000 | 0.000 | .003  | .001  | 0.000 | 0.000 | 0.000 |
| QH126_11 Type of light at home: Agricultural crop        | 0.000 | 0.000 | 0.000 | .000  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .000  |
| QH126_13 Type of light at home: Oil lamp                 | .002  | .003  | .007  | .001  | 0.000 | .007  | .001  | 0.000 | 0.000 | 0.000 | .002  | .002  | .003  | .007  | .001  |
| QH126_14 Type of light at home: Candle                   | .002  | .004  | .006  | .010  | 0.000 | .029  | .014  | 0.000 | 0.000 | 0.000 | .001  | .004  | .003  | .001  | .002  |
| QH126_95 Type of light at home: No lighting in household | .008  | .002  | .002  | 0.000 | 0.000 | .002  | 0.000 | 0.000 | 0.000 | 0.000 | .008  | .006  | .002  | .001  | 0.000 |
| QH126_96 Type of light at home: Other                    | .006  | .005  | .006  | .002  | 0.000 | .006  | .001  | 0.000 | 0.000 | 0.000 | .005  | .006  | .005  | .006  | .002  |
| QH132A Electricity                                       | .000  | .011  | .091  | .646  | .990  | .095  | .754  | .982  | .996  | 1.000 | .001  | .005  | .017  | .119  | .734  |
| QH132B Radio   | .110  | .273  | .401  | .534  | .775  | .252  | .462  | .686  | .793  | .831  | .092  | .198  | .348  | .437  | .652  |
| QH132C Television  | .000  | .011  | .058  | .352  | .877  | .025  | .253  | .721  | .876  | .972  | 0.000 | .003  | .022  | .083  | .571  |
| QH132D Telephone (non-mobile)                            | .001  | .006  | .012  | .012  | .034  | .007  | .011  | .018  | .027  | .058  | .001  | .005  | .008  | .014  | .016  |
| QH132E Computer  | 0.000 | .000  | .002  | .009  | .144  | 0.000 | .003  | .039  | .061  | .332  | 0.000 | 0.000 | .002  | .003  | .048  |
| QH132F Refrigerator                                      | 0.000 | .001  | .003  | .034  | .468  | 0.000 | .014  | .094  | .336  | .866  | 0.000 | 0.000 | .003  | .004  | .198  |
| QH132G Battery or generator                              | .059  | .130  | .144  | .082  | .030  | .070  | .042  | .009  | .012  | .055  | .052  | .101  | .154  | .161  | .091  |
| QH132H Iron (charcoal or electrical)                     | .002  | .030  | .124  | .283  | .799  | .073  | .220  | .477  | .818  | .981  | .001  | .010  | .055  | .159  | .492  |
| QH132I Table   | .160  | .536  | .663  | .750  | .907  | .504  | .664  | .836  | .903  | .968  | .118  | .369  | .634  | .704  | .845  |
| QH132J Chair   | .430  | .716  | .725  | .747  | .867  | .623  | .709  | .790  | .864  | .946  | .386  | .632  | .760  | .734  | .801  |
| QH132K Sofa  | .001  | .012  | .084  | .257  | .698  | .065  | .266  | .503  | .724  | .909  | 0.000 | .005  | .020  | .103  | .360  |
| QH132L Bed   | .559  | .840  | .904  | .940  | .994  | .833  | .909  | .980  | .996  | .999  | .491  | .771  | .884  | .917  | .972  |
| QH132M Cupboard/cabinet                                  | .002  | .016  | .075  | .223  | .593  | .065  | .181  | .279  | .562  | .884  | .001  | .003  | .032  | .093  | .366  |
| QH132N Water pump  | .001  | .003  | .005  | .009  | .053  | .003  | .005  | .009  | .025  | .114  | 0.000 | .002  | .006  | .004  | .027  |
| QH132O Sewing machine                                    | .001  | .012  | .042  | .086  | .191  | .028  | .064  | .083  | .164  | .267  | .001  | .005  | .017  | .051  | .149  |
| QH132P Blender   | .000  | .001  | .003  | .032  | .423  | .002  | .023  | .068  | .274  | .824  | .001  | 0.000 | .002  | .003  | .179  |
| QH132Q CD/DVD player                                     | .000  | .001  | .007  | .112  | .488  | .005  | .070  | .268  | .449  | .648  | 0.000 | .001  | .002  | .008  | .271  |
| QH132R Washing machine                                   | 0.000 | .001  | .002  | .003  | .035  | .002  | .006  | .004  | .014  | .084  | 0.000 | .001  | .001  | .003  | .012  |
| QH132S Microwave oven                                    | 0.000 | .000  | .002  | .001  | .086  | .001  | .002  | .002  | .016  | .246  | 0.000 | .001  | 0.000 | .003  | .022  |
| QH132T Air conditioner                                   | 0.000 | .001  | .002  | .005  | .066  | .002  | .003  | .027  | .050  | .143  | 0.000 | .001  | .001  | .002  | .012  |
| QH133A Watch   | .020  | .061  | .112  | .182  | .484  | .076  | .144  | .232  | .405  | .703  | .015  | .034  | .090  | .123  | .325  |
| QH133C Bicycle   | .231  | .324  | .354  | .299  | .290  | .264  | .232  | .208  | .257  | .285  | .223  | .301  | .335  | .376  | .375  |
| QH133D Motorcycle or scooter                             | .024  | .065  | .118  | .144  | .222  | .039  | .073  | .128  | .182  | .249  | .022  | .046  | .083  | .146  | .245  |
| QH133E Animal-drawn cart                                 | .019  | .030  | .030  | .019  | .014  | .005  | .008  | .008  | .013  | .016  | .021  | .029  | .034  | .032  | .025  |
| QH133F Car or Truck                                      | 0.000 | .001  | .003  | .013  | .154  | .002  | .006  | .007  | .046  | .372  | 0.000 | 0.000 | .003  | .004  | .068  |
| QH133G Boat with a motor                                 | 0.000 | .001  | .004  | .007  | .006  | .007  | .006  | .001  | .002  | .008  | 0.000 | .001  | .001  | .004  | .010  |
| MOBPHONE Owns a mobile phone                             | .596  | .801  | .896  | .966  | .997  | .830  | .957  | .992  | .998  | .999  | .566  | .732  | .845  | .916  | .978  |
| CHECKACC Possession of a bank account                    | .012  | .041  | .092  | .235  | .628  | .076  | .182  | .319  | .568  | .897  | .007  | .029  | .052  | .109  | .407  |
| QH152_11 Main floor material: Earth/sand                 | .985  | .899  | .414  | .096  | .007  | .523  | .065  | .015  | .002  | .002  | .988  | .972  | .783  | .339  | .074  |
| QH152_12 Main floor material: Dung                       | .004  | .002  | .000  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .005  | .002  | .001  | .000  | 0.000 |
| QH152_21 Main floor material: Wood planks                | .007  | .020  | .038  | .024  | .006  | .033  | .028  | .010  | .006  | .003  | .005  | .009  | .032  | .036  | .017  |
| QH152_22 Main floor material: Palm/bamboo                | .001  | .001  | .001  | .001  | 0.000 | .001  | 0.000 | 0.000 | 0.000 | 0.000 | .001  | .001  | .002  | .001  | .001  |
| QH152_31 Main floor material: Parquet or polished wood   | .001  | .001  | .008  | .014  | .013  | .010  | .017  | .013  | .014  | .016  | .001  | .001  | .003  | .009  | .010  |
| QH152_32 Main floor material: Vinyl or asphalt strips    | 0.000 | .000  | .000  | .000  | .001  | 0.000 | 0.000 | .003  | .001  | 0.000 | 0.000 | 0.000 | .001  | .000  | .000  |
| QH152_33 Main floor material: Ceramic tiles              | 0.000 | 0.000 | .004  | .023  | .254  | .002  | .012  | .062  | .196  | .506  | 0.000 | 0.000 | 0.000 | .006  | .087  |
| QH152_34 Main floor material: Cement                     | .002  | .074  | .528  | .829  | .691  | .423  | .863  | .871  | .754  | .452  | 0.000 | .014  | .179  | .599  | .791  |
| QH152_35 Main floor material: Carpet                     | 0.000 | .000  | .002  | .009  | .027  | .003  | .012  | .023  | .027  | .020  | 0.000 | .001  | 0.000 | .003  | .015  |
| QH152_96 Main floor material: Other                      | 0.000 | .001  | .004  | .005  | .001  | .004  | .004  | .002  | 0.000 | 0.000 | 0.000 | .001  | .001  | .005  | .004  |
| QH153_11 Main roof material: No roof                     | .075  | .027  | .016  | .003  | .001  | .014  | .001  | 0.000 | 0.000 | .002  | .084  | .038  | .025  | .017  | .004  |
| QH153_12 Main roof material: Thatch/palm leaf            | .486  | .079  | .020  | .002  | 0.000 | .082  | 0.000 | 0.000 | 0.000 | 0.000 | .598  | .149  | .046  | .016  | .002  |
| QH153_13 Main roof material: Sod                         | .002  | .001  | .000  | .000  | 0.000 | .002  | 0.000 | 0.000 | 0.000 | 0.000 | .003  | .001  | .001  | .000  | 0.000 |
| QH153_21 Main roof material: Rustic mat                  | .056  | .035  | .021  | .007  | .002  | .025  | .007  | .004  | .001  | 0.000 | .057  | .042  | .030  | .023  | .005  |
| QH153_22 Main roof material: Palm/bamboo                 | .006  | .002  | .001  | .000  | 0.000 | .003  | 0.000 | 0.000 | 0.000 | 0.000 | .004  | .005  | .002  | .001  | .000  |
| QH153_23 Main roof material: Wood planks                 | .000  | .001  | .002  | .002  | .001  | .003  | .003  | 0.000 | .003  | .001  | .001  | 0.000 | .002  | .001  | .001  |
| QH153_24 Main roof material: Cardboard                   | 0.000 | .000  | .001  | .001  | .002  | .001  | .002  | .002  | .003  | .001  | 0.000 | 0.000 | .001  | .000  | 0.000 |
| QH153_31 Main roof material: Metal                       | .370  | .849  | .933  | .981  | .975  | .862  | .981  | .984  | .980  | .953  | .249  | .762  | .892  | .933  | .984  |
| QH153_32 Main roof material: Wood                        | .002  | .001  | .003  | .002  | .002  | .004  | .001  | .005  | .002  | .002  | .002  | .002  | .001  | .003  | .001  |
| QH153_33 Main roof material: Calamine/cement fiber       | 0.000 | .000  | .000  | .001  | .001  | 0.000 | 0.000 | .001  | 0.000 | .002  | 0.000 | 0.000 | .001  | .000  | .001  |
| QH153_34 Main roof material: Ceramic tiles               | .000  | 0.000 | .000  | .001  | .006  | .002  | .003  | .004  | .004  | .011  | 0.000 | 0.000 | 0.000 | 0.000 | .000  |
| QH153_35 Main roof material: Cement                      | 0.000 | 0.000 | 0.000 | 0.000 | .001  | 0.000 | 0.000 | 0.000 | .002  | .002  | 0.000 | 0.000 | 0.000 | 0.000 | .000  |
| QH153_36 Main roof material: Roofing shingles            | 0.000 | .000  | .000  | .000  | .009  | 0.000 | .001  | .001  | .004  | .025  | 0.000 | 0.000 | .001  | .000  | .001  |
| QH153_96 Main roof material: Other                       | .003  | .002  | .003  | .001  | 0.000 | .002  | .002  | 0.000 | 0.000 | 0.000 | .003  | .002  | .001  | .005  | 0.000 |
| QH154_11 Main wall material: No walls                    | .071  | .025  | .013  | .004  | .000  | .013  | .002  | .003  | 0.000 | 0.000 | .081  | .037  | .025  | .011  | .004  |

|   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| QH154_12 Main wall material: Cane/palm/trunks       | .011  | .003  | .001  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .015  | .004  | .002  | .001  | 0.000 |
| QH154_13 Main wall material: Dirt                   | .424  | .206  | .090  | .031  | .004  | .126  | .023  | .009  | .001  | 0.000 | .471  | .274  | .156  | .079  | .029  |
| QH154_21 Main wall material: Bamboo with mud        | .168  | .105  | .058  | .027  | .007  | .064  | .023  | .009  | .004  | .003  | .176  | .129  | .091  | .058  | .022  |
| QH154_22 Main wall material: Stone with mud         | .044  | .082  | .070  | .033  | .013  | .065  | .021  | .009  | .001  | .003  | .034  | .073  | .078  | .072  | .042  |
| QH154_23 Main wall material: Uncovered adobe        | .060  | .067  | .040  | .024  | .021  | .037  | .022  | .024  | .023  | .013  | .062  | .064  | .064  | .038  | .024  |
| QH154_24 Main wall material: Plywood                | 0.000 | .000  | .002  | .002  | .003  | 0.003 | .003  | .003  | .002  | .007  | 0.000 | 0.000 | .001  | .001  | .001  |
| QH154_25 Main wall material: Cardboard              | 0.000 | .000  | .002  | .007  | .006  | .004  | .010  | .005  | .006  | .004  | 0.000 | 0.000 | .001  | .004  | .006  |
| QH154_26 Main wall material: Reused wood            | .001  | .002  | .014  | .007  | 0.000 | .008  | .002  | 0.000 | 0.000 | 0.000 | .001  | .001  | .003  | .017  | .008  |
| QH154_31 Main wall material: Cement                 | .004  | .012  | .073  | .193  | .252  | .073  | .206  | .259  | .262  | .287  | .001  | .007  | .023  | .086  | .186  |
| QH154_32 Main wall material: Stone with lime/cement | .001  | .006  | .025  | .044  | .058  | .023  | .048  | .044  | .061  | .072  | 0.000 | .002  | .010  | .027  | .047  |
| QH154_33 Main wall material: Bricks                 | .204  | .460  | .461  | .300  | .145  | .428  | .272  | .231  | .155  | .084  | .152  | .388  | .491  | .441  | .253  |
| QH154_34 Main wall material: Cement blocks          | .001  | .018  | .128  | .304  | .470  | .137  | .349  | .395  | .468  | .503  | 0.000 | .007  | .037  | .144  | .349  |
| QH154_35 Main wall material: Covered adobe          | 0.000 | .003  | .008  | .013  | .018  | .007  | .008  | .007  | .013  | .023  | 0.000 | .001  | .006  | .007  | .021  |
| QH154_36 Main wall material: Wood planks/shingles   | 0.000 | .000  | .001  | .002  | .001  | .002  | 0.000 | .001  | .001  | 0.000 | 0.000 | .001  | .001  | .000  | .002  |
| QH154_96 Main wall material: Other                  | .011  | .011  | .013  | .008  | .001  | .013  | .009  | 0.000 | .002  | 0.000 | .008  | .012  | .012  | .013  | .006  |
| HOUSE Owns a house                                  | .474  | .457  | .401  | .300  | .299  | .265  | .196  | .199  | .274  | .371  | .493  | .461  | .468  | .427  | .370  |
| LAND Owns land                                      | .757  | .780  | .645  | .437  | .339  | .405  | .277  | .239  | .277  | .393  | .769  | .777  | .788  | .690  | .537  |
| memsleep Number of members per sleeping room        | 2.633 | 2.165 | 1.988 | 1.909 | 1.645 | 2.071 | 2.082 | 2.004 | 1.755 | 1.326 | 2.773 | 2.315 | 2.080 | 1.930 | 1.702 |
| QH129A_1 Cows/bulls: 1-4                            | .103  | .092  | .080  | .060  | .032  | .035  | .019  | .016  | .020  | .027  | .108  | .099  | .099  | .083  | .088  |
| QH129A_2 Cows/bulls: 5-9                            | .030  | .019  | .015  | .006  | .004  | .003  | .001  | .001  | 0.000 | .005  | .035  | .022  | .018  | .017  | .011  |
| QH129A_3 Cows/bulls: 10+                            | .042  | .017  | .011  | .006  | .003  | .002  | .003  | .003  | .001  | .003  | .052  | .023  | .016  | .011  | .008  |
| QH129B_1 Other cattle: 1-4                          | .090  | .093  | .089  | .056  | .028  | .021  | .018  | .013  | .020  | .021  | .092  | .098  | .097  | .104  | .082  |
| QH129B_2 Other cattle: 5-9                          | .043  | .034  | .030  | .010  | .006  | .005  | .002  | .002  | .004  | .004  | .046  | .038  | .034  | .034  | .016  |
| QH129B_3 Other cattle: 10+                          | .055  | .033  | .029  | .010  | .003  | .004  | .004  | .005  | .002  | .002  | .063  | .037  | .038  | .031  | .012  |
| QH129C_1 Horses/donkeys/mules: 1-4                  | .045  | .022  | .014  | .008  | .006  | .002  | .005  | .003  | .006  | .009  | .055  | .027  | .023  | .013  | .010  |
| QH129C_2 Horses/donkeys/mules: 5-9                  | .004  | .003  | .002  | .001  | 0.000 | .001  | .001  | 0.000 | 0.000 | 0.000 | .004  | .003  | .003  | .002  | .001  |
| QH129C_3 Horses/donkeys/mules: 10+                  | .001  | .000  | .001  | .000  | 0.000 | 0.000 | .001  | 0.000 | 0.000 | 0.000 | .001  | .001  | .001  | .001  | 0.000 |
| QH129D_1 Goats: 1-4                                 | .106  | .141  | .108  | .053  | .030  | .052  | .016  | .018  | .020  | .033  | .104  | .128  | .148  | .115  | .074  |
| QH129D_2 Goats: 5-9                                 | .060  | .056  | .047  | .025  | .010  | .019  | .010  | .007  | .004  | .010  | .067  | .058  | .056  | .051  | .034  |
| QH129D_3 Goats: 10+                                 | .078  | .050  | .032  | .015  | .010  | .005  | .003  | .007  | .006  | .008  | .087  | .058  | .051  | .036  | .024  |
| QH129E_1 Sheep: 1-4                                 | .072  | .039  | .030  | .013  | .008  | .014  | .005  | .008  | .007  | .013  | .084  | .044  | .043  | .032  | .014  |
| QH129E_2 Sheep: 5-9                                 | .033  | .024  | .015  | .006  | .002  | .006  | .001  | .002  | .001  | 0.000 | .035  | .030  | .019  | .018  | .008  |
| QH129E_3 Sheep: 10+                                 | .036  | .019  | .009  | .004  | .001  | .002  | 0.000 | 0.000 | .001  | .001  | .039  | .025  | .019  | .009  | .006  |
| QH129F_1 Chickens or other poultry: 1-4             | .195  | .197  | .170  | .103  | .067  | .134  | .068  | .057  | .061  | .069  | .195  | .191  | .199  | .179  | .115  |
| QH129F_2 Chickens or other poultry: 5-9             | .148  | .173  | .173  | .108  | .078  | .116  | .075  | .055  | .075  | .083  | .145  | .162  | .183  | .182  | .128  |
| QH129F_3 Chickens or other poultry: 10+             | .166  | .196  | .188  | .144  | .146  | .074  | .066  | .073  | .093  | .199  | .172  | .186  | .212  | .214  | .212  |
| QH129G_1 Pigs: 1-4                                  | .040  | .057  | .065  | .041  | .022  | .026  | .018  | .020  | .020  | .020  | .032  | .052  | .065  | .077  | .049  |
| QH129G_2 Pigs: 5-9                                  | .003  | .005  | .008  | .007  | .006  | .003  | .003  | .007  | .005  | .002  | .003  | .003  | .007  | .009  | .010  |
| QH129G_3 Pigs: 10+                                  | .001  | .002  | .002  | .003  | .005  | .002  | .002  | 0.000 | .006  | .008  | .001  | .004  | .002  | .003  | .004  |
| landarea  | 3.117 | 3.134 | 2.740 | 1.704 | 1.381 | 1.226 | .870  | .848  | .921  | 2.076 | 3.315 | 3.101 | 3.193 | 3.017 | 2.239 |