### **Descriptive Statistics**

|  | Mean | Deviation(a | N(a) | Missing N |
|--|------|-------------|------|-----------|
| if water is piped into residence + 7 bottled | .15  | .356        | 4998 | C         |
| if water is piped into compound/plot         | .14  | .351        | 4998 | C         |
| if gets water from a public tap              | .12  | .327        | 4998 | C         |
| if gets water from an open well in           | .07  | .252        | 4998 | C         |
| if gets water from an open well in yard      | .07  | .250        | 4998 | C         |
| if gets water from a public open well        | .09  | .292        | 4998 | C         |
| if gets water from a protected well in       | .03  | .181        | 4998 | C         |
| if gets water from a protected well in yard  | .03  | .163        | 4998 | C         |
| if gets water from a protected public well   | .10  | .296        | 4998 | C         |
| if gets water from a protected spring        | .01  | .101        | 4998 | C         |
| if gets water from an unprotected spring     | .03  | .171        | 4998 | C         |
| if gets water from surface + 10 other        | .03  | .166        | 4998 | C         |
| if uses flush toilet                         | .10  | .302        | 4998 | C         |
| if uses pit latrine                          | .43  | .494        | 4998 | C         |
| if uses own vip latrine                      | .05  | .227        | 4998 | C         |
| if uses the bush                             | .29  | .454        | 4998 | C         |
| if household has electric                    | .46  | .498        | 4998 | C         |
| if household has radio                       | .56  | .497        | 4998 | C         |
| if household has tv                          | .29  | .452        | 4998 | C         |
| if household has fridge                      | .10  | .296        | 4998 | C         |
| if household has bicycle                     | .38  | .486        | 4998 | C         |
| if household has motorcycle or scooter       | .15  | .361        | 4998 | C         |
| if household has car or truck                | .03  | .176        | 4998 | C         |
| if household has phone                       | .17  | .373        | 4998 | C         |
| if has a cart                                | .02  | .155        | 4998 | C         |
| if floor is earth/mud/sand                   | .17  | .379        | 4998 | C         |
| if floor is dung                             | .01  | .087        | 4998 | C         |
| if floor is of wood planks                   | .00  | .065        | 4998 | C         |
| if has linoleum flooring                     | .02  | .144        | 4998 | C         |
| if flooring is of ceramic tiles              | .06  | .233        | 4998 | C         |
| if floor is of cement                        | .59  | .491        | 4998 | C         |
| if has carpeted flooring + 13 cases          | .01  | .112        | 4998 | C         |

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

# **Component Score Coefficient Matrix**

|   | Component |
|---|-----------|
|   | 1         |
| if water is piped into residence + 7    | .137      |
| if water is piped into compound/plot    | .065      |
| if gets water from a public tap         | 035       |
| if gets water from an open well in      | 009       |
| if gets water from an open well in yard | 013       |
| if gets water from a public open well   | 030       |
| if gets water from a protected well in  | 006       |
| if gets water from a protected well in  | .002      |
| if gets water from a protected public   | 040       |
| if gets water from a protected spring   | 019       |
| if gets water from an unprotected       | 041       |
| if gets water from surface + 10 other   | 039       |
| if uses flush toilet                    | .136      |
| if uses pit latrine                     | .051      |
| if uses own vip latrine                 | .022      |
| if uses the bush                        | 117       |
| if household has electric               | .168      |
| if household has radio                  | .110      |
| if household has tv                     | .175      |
| if household has fridge                 | .144      |
| if household has bicycle                | 027       |
| if household has motorcycle or          | .056      |
| if household has car or truck           | .095      |
| if household has phone                  | .158      |
| if has a cart                           | 004       |
| if floor is earth/mud/sand              | 100       |
| if floor is dung                        | 020       |
| if floor is of wood planks              | 010       |
| if has linoleum flooring                | .038      |
| if flooring is of ceramic tiles         | .111      |
| if floor is of cement                   | .050      |
| if has carpeted flooring + 13 cases     | .021      |

Extraction Method: Principal Component Analysis. Component Scores.

### Sum over each variable

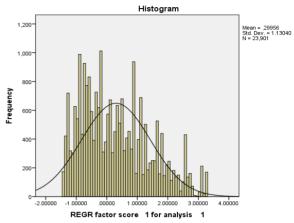
| If has       | If does not have |
|--------------|------------------|
| 0.32750613   | -0.057098108     |
| 0.158537101  | -0.026725567     |
| -0.093179395 | 0.012905028      |
| -0.034727204 | 0.002542834      |
| -0.0496489   | 0.003578299      |
| -0.09346986  | 0.009702039      |
| -0.032039926 | 0.001128166      |
| 0.00930772   | -0.000262324     |
| -0.120866301 | 0.013018844      |
| -0.182363199 | 0.001917284      |
| -0.231950857 | 0.007226032      |
| -0.228768262 | 0.006689681      |
| 0.403245181  | -0.045623286     |
| 0.058799519  | -0.043490769     |
| 0.090561474  | -0.005212171     |
| -0.183904654 | 0.074939463      |
| 0.182923109  | -0.15481228      |
| 0.098076711  | -0.12342686      |
| 0.276018559  | -0.11084088      |
| 0.438182222  | -0.047197819     |
| -0.034019682 | 0.021024141      |
| 0.132420906  | -0.024079375     |
| 0.520042623  | -0.017198599     |
| 0.352141515  | -0.070732894     |
| -0.022783559 | 0.000574847      |
| -0.217798247 | 0.045966143      |
| -0.224162856 | 0.001717377      |
| -0.154118218 | 0.000650288      |
| 0.260714773  | -0.005649175     |
| 0.44844447   | -0.027319797     |
| 0.041245429  | -0.060203712     |
| 0.182957672  | -0.00233563      |

### National score

#### Statistics

REGR factor score 1 for analysis 1

| REGR factor score 1 for analysis 1 |         |            |
|------------------------------------|---------|------------|
| N                                  | Valid   | 23901      |
|                                    | Missing | 0          |
| Mean                               |         | .2995594   |
| Median                             |         | .1081087   |
| Mode                               |         | .32961     |
| Std. Deviation                     |         | 1.13040035 |
| Skewness                           |         | .575       |
| Std. Error of Skewness             |         | .016       |
| Kurtosis                           |         | 501        |
| Std. Error of Kurtosis             |         | .032       |
| Minimum                            |         | -1.43546   |
| Maximum                            |         | 3.23870    |
| Percentiles                        | 20      | 7434492    |
|                                    | 40      | 2256664    |
|                                    | 60      | .4857353   |
|                                    | 80      | 1.2958464  |



Cases weighted by HH members weighting for Index

# Report

| nepi   | ort   |       |       |       |       |        |
|--|-------|-------|-------|-------|-------|--------|
| Mean   |       |       |       |       |       |        |
| Wealth Index Quintiles                             | 1     | 2     | 3     | 4     |       | Total  |
| if water is piped into residence + 7 bottled water | 0.004 | 0.013 | 0.080 | 0.230 | 0.719 | 0.2088 |
| if water is piped into compound/plot               | 0.004 | 0.078 | 0.245 | 0.434 | 0.238 | 0.1999 |
| if gets water from a public tap                    | 0.192 | 0.206 | 0.177 | 0.086 | 0.015 | 0.1352 |
| if gets water from an open well in residence       | 0.061 | 0.124 | 0.098 | 0.046 | 0.004 | 0.0667 |
| if gets water from an open well in yard            | 0.083 | 0.083 | 0.095 | 0.055 | 0.007 | 0.0646 |
| if gets water from a public open well              | 0.136 | 0.225 | 0.150 | 0.034 | 0.003 | 0.1094 |
| if gets water from a protected well in residence   | 0.023 | 0.034 | 0.025 | 0.052 | 0.006 | 0.028  |
| if gets water from a protected well in yard        | 0.019 | 0.036 | 0.053 | 0.034 | 0.005 | 0.0292 |
| if gets water from a protected public well         | 0.203 | 0.128 | 0.061 | 0.022 | 0.004 | 0.0837 |
| if gets water from a protected spring              | 0.026 | 0.021 | 0.006 | 0.003 | 0.000 | 0.0111 |
| if gets water from an unprotected spring           | 0.122 | 0.023 | 0.008 | 0.003 | 0.000 | .03    |
| if gets water from surface + 10 other              | 0.127 | 0.022 | 0.003 | 0.000 | 0.000 | .03    |
| if uses flush toilet                               | 0.000 | 0.010 | 0.045 | 0.181 | 0.678 | .18    |
| if uses pit latrine                                | 0.115 | 0.480 | 0.717 | 0.675 | 0.264 | .45    |
| if uses own vip latrine                            | 0.022 | 0.041 | 0.077 | 0.089 | 0.055 | .06    |
| if uses the bush                                   | 0.863 | 0.459 | 0.162 | 0.055 | 0.004 | .31    |
| if household has electric                          | 0.026 | 0.200 | 0.807 | 0.982 | 0.998 | .60    |
| if household has radio                             | 0.299 | 0.653 | 0.643 | 0.887 | 0.953 | .69    |
| if household has tv                                | 0.002 | 0.032 | 0.285 | 0.815 | 0.984 | .42    |
| if household has fridge                            | 0.000 | 0.000 | 0.019 | 0.093 | 0.670 | .16    |
| if household has bicycle                           | 0.502 | 0.597 | 0.447 | 0.278 | 0.189 | .40    |
| if household has motorcycle or scooter             | 0.054 | 0.107 | 0.179 | 0.203 | 0.211 | .15    |
| if household has car or truck                      | 0.002 | 0.000 | 0.003 | 0.009 | 0.254 | .05    |
| if household has phone                             | 0.000 | 0.009 | 0.046 | 0.376 | 0.860 | .26    |
| if has a cart                                      | 0.021 | 0.031 | 0.016 | 0.017 | 0.013 | .02    |
| if floor is earth/mud/sand                         | 0.649 | 0.172 | 0.033 | 0.002 | 0.000 | .17    |
| if floor is dung                                   | 0.027 | 0.015 | 0.001 | 0.000 | 0.000 | .01    |
| if floor is of wood planks                         | 0.008 | 0.003 | 0.006 | 0.004 | 0.003 | .00    |
| if has linoleum flooring                           | 0.000 | 0.000 | 0.017 | 0.079 | 0.078 | .03    |
| if flooring is of ceramic tiles                    | 0.000 | 0.007 | 0.020 | 0.039 | 0.379 | .09    |
| if floor is of cement                              | 0.313 | 0.778 | 0.905 | 0.856 | 0.520 | .67    |
| if has carpeted flooring + 13 cases parquet        | 0.003 | 0.019 | 0.013 | 0.020 | 0.020 | .01    |