| Descriptive Statistics |  |  |  |  | Component Score Coefficient Matrix |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Component |
|  | Mean | Deviation(a) | N(a) | Wissing N |  | 1 |
| if water is piped into residence +7 bottled | 15 | . 356 | 4998 | 0 | If water is piped into residence + 7 | . 137 |
| if water is piped into compound/plot | . 14 | . 351 | 4998 | 0 | if water is piped into compound/plot | . 065 |
| if gets water from a public tap | . 12 | . 327 | 4998 | 0 | if gets water from a public tap | -. 035 |
| if gets water from an open well in | . 07 | . 252 | 4998 | 0 | if gets water from an open well in | -. 009 |
| if gets water from an open well in yard | . 07 | . 250 | 4998 | 0 | if gets water from an open well in yard | -. 013 |
| if gets water from a public open well | 09 | . 292 | 4998 | 0 | if gets water from a public open well | -. 030 |
| if gets water from a protected well in | . 03 | . 181 | 4998 | 0 | if gets water from a protected well in | -. 006 |
| if gets water from a protected well in yard | 03 | 163 | 4998 | 0 | if gets water from a protected well in | . 002 |
| if gets water from a protected public well | . 10 | . 296 | 4998 | 0 | if gets water from a protected public | -. 040 |
| if gets water from a protected spring | 01 | . 101 | 4998 | 0 | if gets water from a protected spring | -. 019 |
| if gets water from an unprotected spring | 03 | 171 | 4998 | 0 | if gets water from an unprotected | -. 041 |
| if gets water from surface +10 other | 03 | 166 | 4998 | 0 | if gets water from surface +10 other | -. 039 |
| if uses flush toilet | . 10 | . 302 | 4998 | 0 | if uses flush toilet | . 136 |
| if uses pit latrine | . 43 | . 494 | 4998 | 0 | if uses pit latrine | . 051 |
| if uses own vip latrine | . 05 | . 227 | 4998 | 0 | if uses own vip latrine | . 022 |
| if uses the bush | . 29 | . 454 | 4998 | 0 | if uses the bush | -. 117 |
| if household has electric | 46 | 498 | 4998 | 0 | if household has electric | 168 |
| if household has radio | . 56 | . 497 | 4998 | 0 | if household has radio | . 110 |
| if household has tv | . 29 | 452 | 4998 | 0 | if household has tv | . 175 |
| if household has fridge | . 10 | . 296 | 4998 | 0 | if household has fridge | . 144 |
| if household has bicycle | 38 | 486 | 4998 | 0 | if household has bicycle | -. 027 |
| if household has motorcycle or scooter | . 15 | . 361 | 4998 | 0 | if household has motorcycle or | . 056 |
| if household has car or truck | . 03 | . 176 | 4998 | 0 | if household has car or truck | . 095 |
| if household has phone | . 17 | . 373 | 4998 | 0 | if household has phone | . 158 |
| if has a cart | 02 | 155 | 4998 | 0 | if has a cart | -. 004 |
| if floor is earth/mud/sand | 17 | . 379 | 4998 | 0 | if floor is earth/mud/sand | -. 100 |
| if floor is dung | . 01 | . 087 | 4998 | 0 | if floor is dung | -. 020 |
| if floor is of wood planks | . 00 | . 065 | 4998 | 0 | if floor is of wood planks | -. 010 |
| if has linoleum flooring | . 02 | 44 | 4998 | 0 | if has linoleum flooring | . 038 |
| if flooring is of ceramic tiles | 06 | . 233 | 4998 | 0 | if flooring is of ceramic tiles | 111 |
| if floor is of cement | . 59 | 91 | 499 | 0 | if floor is of cement | . 050 |
| if has carpeted flooring +13 cases | . 01 | . 112 | 4998 | 0 | if has carpeted flooring +13 cases | . 021 |
| For each variable, missing values are replaced with the variable mean. |  |  |  |  | Extraction Method: Principal Compone Component Scores. | Analysis. |


| Sum over each variable <br> If has <br> 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


Report

| Wealth Index Quintiles | 1 | 2 | 3 | 4 | 5 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 |

