| Descriptive Statistics |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Mean | Std. <br> Deviation(a <br> $)$ | Analysis $\mathrm{N}(\mathrm{a})$ | Missing N |
| Has electricity | 75 | 434 | 11513 | 0 |
| Has radio | . 81 | . 391 | 11513 | 0 |
| Has television | . 63 | . 482 | 11513 | 0 |
| Has refrigerator | . 52 | . 500 | 11513 | 0 |
| Has bicycle | . 25 | . 433 | 11513 | 0 |
| Has motorcycle/scooter | . 11 | . 315 | 11513 | 0 |
| Has car/truck | . 14 | . 346 | 11513 | 0 |
| Has telephone | . 49 | . 500 | 11513 | 0 |
| Toilet piping | . 49 | . 500 | 11513 | 0 |
| Household Goods: Large color TV | . 43 | . 495 | 11513 | 0 |
| Household Goods: Small color TV | . 33 | . 469 | 11513 | 0 |
| Household Goods: Video | . 21 | . 406 | 11513 | 0 |
| Household Goods: Dish | . 35 | . 478 | 11513 | 0 |
| Household Goods: Water heater | . 19 | . 394 | 11513 | 0 |
| Household Goods: Dish washer | . 01 | . 089 | 11513 | 0 |
| Household Goods: Vacum cleaner | . 06 | . 231 | 11513 | 0 |
| Household Goods: Microwave | . 06 | . 229 | 11513 | 0 |
| Household Goods: Washing machine | . 16 | . 365 | 11513 | 0 |
| Household Goods: Air conditioner | . 02 | . 149 | 11513 | 0 |
| Other Goods: Live stock | . 32 | . 465 | 11513 | 0 |
| Other Goods: Poultry | . 33 | . 471 | 11513 | 0 |
| Other Goods: Farming land | . 36 | . 479 | 11513 | 0 |
| Other Goods: Non farming land | . 06 | . 228 | 11513 | 0 |
| Other Goods: Tractor | . 02 | . 151 | 11513 | 0 |
| Other Goods: Housing construction | . 06 | . 244 | 11513 | 0 |
| Other Goods: Commercial constraction | . 05 | . 213 | 11513 | 0 |
| Other Goods: Machinery and industrial equip. | . 02 | . 155 | 11513 | 0 |
| Other Goods: Mean of transportation of goods | . 03 | . 161 | 11513 | 0 |
| If HH has a domestic worker not related to head | . 01 | . 093 | 11513 | 0 |
| If household works own or family's agric. land |  | . 205 | 11513 | 0 |
| number of members per room in household | 1.87 | 1.171 | 11513 | 0 |


| Component Score Coefficient Matrix |  |
| :---: | :---: |
|  | Component |
|  | 1 |
| Has electricity | . 065 |
| Has radio | . 014 |
| Has television | . 066 |
| Has refrigerator | . 067 |
| Has bicycle | . 014 |
| Has motorcycle/scooter | . 009 |
| Has car/truck | . 031 |
| Has telephone | . 048 |
| Toilet piping | . 067 |
| Household Goods: Large color TV | . 058 |
| Household Goods: Small color TV | . 032 |
| Household Goods: Video | . 044 |
| Household Goods: Dish | . 054 |
| Household Goods: Water heater | . 048 |
| Household Goods: Dish washer | . 011 |
| Household Goods: Vacum cleaner | . 030 |
| Household Goods: Microwave | . 027 |
| Household Goods: Washing machine | . 046 |
| Household Goods: Air conditioner | . 018 |
| Other Goods: Live stock | -. 053 |
| Other Goods: Poultry | -. 056 |
| Other Goods: Farming land | -. 042 |
| Other Goods: Non farming land | -. 004 |
| Other Goods: Tractor | -. 007 |
| Other Goods: Housing construction | . 008 |
| Other Goods: Commercial constraction | . 014 |
| Other Goods: Machinery and industrial equip. | . 011 |
| Other Goods: Mean of transportation of goods | -. 003 |
| If HH has a domestic worker not related to head | . 012 |
| If household works own or family's agric. land | -. 022 |
| number of members per room in household | -. 018 |

Sum over each variable

| If has | If does not have |
| ---: | ---: |
| 0.037397626 | -0.111687854 |
| 0.006785353 | -0.029148302 |
| 0.050312106 | -0.08662484 |
| 0.06497987 | -0.069476141 |
| 0.024842798 | -0.008272304 |
| 0.024301206 | -0.00306112 |
| 0.076149791 | -0.012308744 |
| 0.048788367 | -0.047492139 |
| 0.067909481 | -0.065215303 |
| 0.067553942 | -0.050519314 |
| 0.045960365 | -0.022307172 |
| 0.086858181 | -0.022790749 |
| 0.07259543 | -0.03957625 |
| 0.098810408 | -0.023473181 |
| 0.125211568 | -0.000997571 |
| 0.123865326 | -0.00745998 |
| 0.11244398 | -0.006629561 |
| 0.105571423 | -0.019822551 |
| 0.115128614 | -0.002670509 |
| -0.077981673 | 0.035981643 |
| -0.079800029 | 0.039578575 |
| -0.056907686 | 0.031605984 |
| -0.015825096 | 0.000925325 |
| -0.042293696 | 0.001015681 |
| 0.032449554 | -0.002200021 |
| 0.06153969 | -0.003087369 |
| 0.06871011 | -0.001725247 |
| -0.018210098 | 0.000497215 |
| 0.123860652 | -0.001096208 |
| -0.102732401 | 0.004703164 |
|  |  |
|  |  |
|  |  |

If piped drinking water in residence
If gets water from an open well in the
residence
If gets water from a protected well in the
residence
If has flush toilet inside residence
If gets water from a tanker truck
If uses a pit latrine
If uses surface water for drinking
If uses bush,field as latrine
If uses a flush toilet outside of residence
If has a dirt or sand floor
If gets water from an open well in the yard
If has bottled water for drinking water
If gets water from an open public well
If has a cement floor (includes vinyl \&
If uses gas for lighting needs
If has floor types)
(mostly manure)
If flooring is finished (mostly stone/brick)
If gets water from a spring
If uses a latrine
If gets water from a protected well in the
yard
If gets water from a tap in the yard
If gets water from a protected public well
If uses public tap water
If uses electricity for lighting needs
If windows have glass in them
If windows have blinds (only) on them
If windows have both glass and blinds
If rain for drinking water
If windows have drapes
If wedows have some other kind of
Inave windows in dwelling
In
In
In

| . 54 | . 499 | 11513 | 0 | If piped drinking water in residence |
| :---: | :---: | :---: | :---: | :---: |
| . 01 | . 095 | 11513 | 0 | If gets water from an open well in the residence |
| . 01 | . 092 | 11513 | 0 | If gets water from a protected well in the residence |
| . 7219 | . 44809 | 11513 | 0 | If has flush toilet inside residence |
| . 0118 | . 10805 | 11513 | 0 | If gets water from a tanker truck |
| . 0043 | . 06510 | 11513 | 0 | If uses a pit latrine |
| . 0263 | . 16009 | 11513 | 0 | If uses surface water for drinking |
| . 1887 | . 39132 | 11513 | 0 | If uses bush,field as latrine |
| . 0690 | . 25341 | 11513 | 0 | If uses a flush toilet outside of residence |
| . 1866 | . 38958 | 11513 | 0 | If has a dirt or sand floor |
| . 0327 | . 17775 | 11513 | 0 | If gets water from an open well in the yard |
| . 0052 | . 07201 | 11513 | 0 | If has bottled water for drinking water |
| . 0796 | . 27076 | 11513 | 0 | If gets water from an open public well |
| . 7556 | . 42976 | 11513 | 0 | If has a cement floor (includes vinyl \& other floor types) |
| . 0055 | . 07377 | 11513 | 0 | If has floor made of natural materials (mostly manure) |
| . 0069 | . 08255 | 11513 | 0 | If flooring is finished (mostly stone/brick) |
| . 0158 | . 12474 | 11513 | 0 | If uses a latrine |
| . 0198 | . 13933 | 11513 | 0 | If gets water from a protected well in the yard |
| . 0201 | . 14023 | 11513 | 0 | If gets water from a tap in the yard |
| . 0392 | . 19402 | 11513 | 0 | If gets water from a protected public well |
| . 1311 | . 33749 | 11513 | 0 | If windows have glass in them |
| . 2122 | . 40888 | 11513 | 0 | If windows have blinds (only) on them |
| . 4829 | . 49973 | 11513 | 0 | If windows have both glass and blinds |
| . 0170 | . 12937 | 11513 | 0 | If rain for drinking water |
| . 0155 | . 12338 | 11513 | 0 | If windows have drapes |
| . 0056 | . 07435 | 11513 | 0 | If windows have some other kind of covering |
| . 1100 | . 31286 | 11513 | 0 | If does not have windows in dwelling |
| . 1123 | . 31576 | 11513 | 0 | If uses public tap water |
| . 7492 | . 43352 | 11513 | 0 | If uses electricity for lighting needs |
| . 0823 | . 27476 | 11513 | 0 | If gets water from a spring |
| . 0137 | . 11635 | 11513 | 0 | If uses kerosene for lighting needs |
| . 1302 | . 33654 | 11513 | 0 | If uses gas for lighting needs |


| . 065 |  |  |
| :---: | :---: | :---: |
|  | 0.060261593 | -0.069613308 |
| -. 006 |  |  |
|  | -0.063998442 | 0.000589046 |
| -. 004 | -0.04193736 | 0.00036004 |
| . 058 | 0.03627809 | -0.094162151 |
| -. 002 | -0.014199948 | 0.000169745 |
| -. 006 | -0.09634376 | 0.000411797 |
| -. 015 | -0.09384635 | 0.002536614 |
| -. 055 | -0.114793425 | 0.026707293 |
| -. 010 | -0.038159341 | 0.002826618 |
| -. 053 | -0.109744186 | 0.025171437 |
| -. 015 | -0.078969328 | 0.00266611 |
| . 006 | 0.079156151 | -0.000414683 |
| -. 031 | -0.104245626 | 0.009021634 |
| . 054 | 0.030628613 | -0.094683122 |
| -. 007 | -0.096761427 | 0.000532399 |
| -. 008 | -0.099647262 | 0.000688485 |
|  | -0.092377939 | 0.001483786 |
| $-.008$ | -0.058023252 | 0.001172291 |
| $\text { -. } 017$ | -0.022027378 | 0.000451013 |
|  | -0.085939766 | 0.003503782 |
|  | -0.002717562 | 0.000409916 |
| $-.045$ | -0.086509864 | 0.023301389 |
| . 054 | 0.055574724 | -0.05190584 |
| -. 013 | -0.097624869 | 0.001690773 |
| -. 005 | -0.039252193 | 0.0006164 |
| -. 005 | -0.066960656 | 0.000374311 |
| -. 019 | -0.052638254 | 0.00650337 |
| $\begin{array}{r} -.012 \\ .065 \end{array}$ | -0.032521078 | 0.004114457 |
|  | 0.037397626 | -0.111687854 |
|  | -0.096867569 | 0.00868196 |
| -. 016 | -0.132658289 | 0.001845884 |
| -. 041 | -0.106546691 | 0.01594902 |


| If uses an oil lamp or candle for lighting needs | . 1037 | . 30490 | 11513 | 0 |
| :---: | :---: | :---: | :---: | :---: |
| If uses wood as cooking fuel | . 0938 | . 29157 | 11513 | 0 |
| If uses coal/charcoal as cooking fuel | . 0060 | . 07719 | 11513 | 0 |
| If uses gas for cooking fuel | . 9970 | . 05506 | 11513 | 0 |
| If does not have any lighting | . 0024 | . 04926 | 11513 | 0 |
| If garbage is collected by a binman | . 4002 | . 48997 | 11513 | 0 |
| If garbage is taken to a designated place for disposal | . 2133 | . 40967 | 11513 | 0 |
| If garbage is burned | . 0369 | . 18856 | 11513 | 0 |
| If garbage is thrown in the street | . 3367 | . 47259 | 11513 | 0 |
| If something else is done with the garbage | . 0126 | . 11152 | 11513 | 0 |
| For each variable, missing values are replaced with the variable mean. |  |  |  |  |


| If uses an oil lamp or candle for | -.040 |
| :--- | ---: |
| lighting needs |  |
| If uses wood as cooking fuel | -.035 |
| If uses coal/charcoal as cooking fuel | -.009 |
| If uses gas for cooking fuel | .000 |
| If does not have any lighting | -.005 |
| If garbage is collected by a binman | .055 |
| If garbage is taken to a designated | .005 |
| place for disposal | -.011 |
| If garbage is burned | -.055 |
| If garbage is thrown in the street | -.009 |
| If something else is done with the |  |
| garbage |  |
| Extraction Method: Principal <br> Component Analysis. Component <br> Scores. |  |


| -0.116512837 | 0.013481571 |
| :--- | :--- |
| -0.109980081 | 0.011384883 |
|  |  |
| -0.118017648 | 0.000711571 |
| $-2.47358 \mathrm{E}-05$ | 0.008111922 |
| -0.093652285 | 0.000228321 |
|  |  |
| 0.066768062 | -0.044557165 |
| 0.010149601 | -0.002752282 |
| -0.055324449 | 0.002120571 |
| -0.076815878 | 0.038986296 |
|  | 0.001001349 |

## Statistics

REGR factor score 1 for analysis 1

| N | Valid | 61653 |
| :--- | :--- | ---: |
|  | Missing |  |
| Mean |  | 0.0336888 |
| Median |  | 0.2497436 |
| Std. Deviation |  | 0.9904288 |
| Minimum |  | -2.16035 |
| Maximum |  | 20 |
| Percentiles |  | -1.0255937 |
|  | 40 | -0.1308739 |
|  | 60 | 0.5485181 |
|  | 80 | 0.9519474 |

Report
Mean

|  | Wealth Index Quintiles |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | Total |
| Has electricity | 0.130 | 0.720 | 0.990 | 1.000 | 1.000 | 0.770 |
| Has radio | 0.770 | 0.780 | 0.760 | 0.850 | 0.940 | 0.820 |
| Has television | 0.066 | 0.440 | 0.820 | 0.990 | 1.000 | 0.660 |
| Has refrigerator | 0.017 | 0.160 | 0.590 | 0.950 | 1.000 | 0.540 |
| Has bicycle | 0.160 | 0.280 | 0.290 | 0.280 | 0.390 | 0.280 |
| Has motorcycle/scooter | 0.060 | 0.120 | 0.160 | 0.150 | 0.170 | 0.130 |
| Has car/truck | 0.036 | 0.076 | 0.083 | 0.093 | 0.450 | 0.150 |
| Has telephone | 0.160 | 0.340 | 0.470 | 0.710 | 0.930 | 0.520 |
| Toilet piping | 0.012 | 0.100 | 0.520 | 0.900 | 0.980 | 0.500 |
| Household Goods: Large color TV | 0.018 | 0.180 | 0.430 | 0.730 | 0.940 | 0.460 |
| Household Goods: Small color TV | 0.049 | 0.280 | 0.440 | 0.380 | 0.550 | 0.340 |
| Household Goods: Video | 0.001 | 0.045 | 0.150 | 0.230 | 0.680 | 0.220 |
| Household Goods: Dish | 0.012 | 0.150 | 0.300 | 0.500 | 0.900 | 0.370 |
| Household Goods: Water heater | 0.007 | 0.009 | 0.039 | 0.160 | 0.740 | 0.190 |
| Household Goods: Dish washer | 0.000 | 0.000 | 0.000 | 0.004 | 0.031 | 0.007 |
| Household Goods: Vacum cleaner | 0.000 | 0.000 | 0.001 | 0.008 | 0.250 | 0.051 |
| Household Goods: Microwave | 0.001 | 0.005 | 0.008 | 0.023 | 0.220 | 0.051 |
| Household Goods: Washing machine | 0.001 | 0.005 | 0.019 | 0.092 | 0.650 | 0.150 |
| Household Goods: Air conditioner | 0.000 | 0.001 | 0.007 | 0.012 | 0.086 | 0.021 |
| Other Goods: Live stock | 0.800 | 0.560 | 0.220 | 0.052 | 0.039 | 0.340 |
| Other Goods: Poultry | 0.840 | 0.580 | 0.220 | 0.053 | 0.030 | 0.340 |
| Other Goods: Farming land | 0.770 | 0.540 | 0.280 | 0.150 | 0.150 | 0.380 |
| Other Goods: Non farming land | 0.092 | 0.069 | 0.039 | 0.041 | 0.066 | 0.061 |
| Other Goods: Tractor | 0.042 | 0.041 | 0.031 | 0.007 | 0.014 | 0.027 |
| Other Goods: Housing construction | 0.045 | 0.058 | 0.056 | 0.063 | 0.120 | 0.069 |
| Other Goods: Commercial constraction | 0.014 | 0.026 | 0.045 | 0.063 | 0.130 | 0.056 |

Other Goods: Machinery and industrial
equip.
Other Goods: Mean of transportation of
goods
If HH has a domestic worker not related to
head
If household works own or family's agric.
land
number of members per room in
household
If piped drinking water in residence
If gets water from an open well in the
residence
If gets water from a protected well in the
residence
If has flush toilet inside residence
If gets water from a tanker truck
If uses a pit latrine
If uses surface water for drinking
If uses bush,field as latrine
If uses a flush toilet outside of residence
If has a dirt or sand floor
If gets water from an open well in the yard
If has bottled water for drinking water
If gets water from an open public well
If has a cement floor (includes vinyl \& other
floor types)
If has floor made of natural materials
(mostly manure)
If flooring is finished (mostly stone/brick)
If uses a latrine
If gets water from a protected well in the
yard
If gets water from a tap in the yard
If gets water from a protected public well
If uses public tap water
If windows have glass in them
If windows have blinds (only) on them
If windows have both glass and blinds
If rain for drinking water
If windows have drapes
if

| 0.003 | 0.009 | 0.020 | 0.031 | 0.071 | 0.027 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0.033 | 0.053 | 0.032 | 0.012 | 0.023 | 0.031 |
| 0.000 | 0.000 | 0.002 | 0.001 | 0.041 | 0.009 |
| 0.150 | 0.073 | 0.015 | 0.001 | 0.002 | 0.048 |
| 2.409 | 2.276 | 2.304 | 2.053 | 1.526 | 2.113 |
| 0.033 | 0.200 | 0.580 | 0.950 | 0.970 | 0.550 |
| 0.012 | 0.036 | 0.005 | 0.002 | 0.000 | 0.011 |
| 0.008 | 0.017 | 0.015 | 0.002 | 0.000 | 0.009 |
| 0.210 | 0.620 | 0.890 | 0.980 | 1.000 | 0.740 |
| 0.014 | 0.017 | 0.018 | 0.004 | 0.003 | 0.011 |
| 0.014 | 0.006 | 0.000 | 0.000 | 0.000 | 0.004 |
| 0.078 | 0.040 | 0.013 | 0.000 | 0.001 | 0.026 |
| 0.660 | 0.200 | 0.015 | 0.000 | 0.000 | 0.170 |
| 0.073 | 0.140 | 0.091 | 0.021 | 0.004 | 0.066 |
| 0.630 | 0.220 | 0.028 | 0.005 | 0.002 | 0.180 |
| 0.067 | 0.091 | 0.017 | 0.000 | 0.000 | 0.035 |
| 0.000 | 0.002 | 0.003 | 0.001 | 0.009 | 0.003 |
| 0.270 | 0.120 | 0.019 | 0.001 | 0.000 | 0.082 |
| 0.300 | 0.690 | 0.880 | 0.990 | 0.990 | 0.770 |
| 0.017 | 0.005 | 0.001 | 0.002 | 0.000 | 0.005 |
| 0.020 | 0.007 | 0.002 | 0.000 | 0.002 | 0.006 |
| 0.050 | 0.033 | 0.004 | 0.000 | 0.000 | 0.017 |
| 0.032 | 0.045 | 0.030 | 0.000 | 0.000 | 0.021 |
| 0.006 | 0.046 | 0.039 | 0.004 | 0.003 | 0.020 |
| 0.093 | 0.067 | 0.015 | 0.001 | 0.001 | 0.035 |
| 0.095 | 0.170 | 0.210 | 0.140 | 0.066 | 0.140 |
| 0.570 | 0.330 | 0.130 | 0.017 | 0.005 | 0.210 |
| 0.086 | 0.290 | 0.420 | 0.790 | 0.920 | 0.500 |
| 0.046 | 0.022 | 0.003 | 0.000 | 0.000 | 0.014 |
| 0.021 | 0.019 | 0.016 | 0.007 | 0.005 | 0.014 |
| 0.013 | 0.006 | 0.004 | 0.001 | 0.001 | 0.005 |
| 0.180 | 0.120 | 0.120 | 0.045 | 0.003 | 0.096 |
| 0.100 | 0.180 | 0.220 | 0.029 | 0.005 | 0.110 |


| If uses electricity for lighting needs | 0.130 | 0.720 | 0.990 | 1.000 | 1.000 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| If gets water from a spring | 0.230 | 0.120 | 0.022 | 0.004 | 0.003 |
| If uses kerosene for lighting needs | 0.056 | 0.005 | 0.000 | 0.000 | 0.000 |
| If uses gas for lighting needs | 0.440 | 0.180 | 0.007 | 0.001 | 0.001 |
| If uses an oil lamp or candle for lighting | 0.370 | 0.090 | 0.003 | 0.000 | 0.000 |
| needs | 0.310 | 0.120 | 0.022 | 0.001 | 0.001 |
| If uses wood as cooking fuel | 0.030 | 0.004 | 0.001 | 0.000 | 0.000 |
| If uses coal/charcoal as cooking fuel | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| If uses gas for cooking fuel | 0.006 | 0.004 | 0.000 | 0.000 | 0.000 |
| If does not have any lighting | 0.002 | 0.081 | 0.430 | 0.760 | 0.770 |
| If garbage is collected by a binman | 0.150 | 0.230 | 0.260 | 0.190 | 0.220 |
| If garbage is taken to a designated place for | 0.050 | 0.072 | 0.045 | 0.002 |  |
| disposal | 0.770 | 0.590 | 0.260 | 0.037 | 0.000 |
| If garbage is burned | 0.030 | 0.028 | 0.005 | 0.008 | 0.002 |
| If garbage is thrown in the street | 0.001 | 0.330 |  |  |  |
|  |  |  |  | 0.013 |  |

