

National

**Descriptive Statistics**

|  | Std.  |                  | Analysis<br>N(a) | Missing<br>N |
|--|-------|------------------|------------------|--------------|
|  | Mean  | Deviation(a<br>) |                  |              |
| If gets water from a private modern well     | .02   | .124             | 5369             | 0            |
| If gets water from a public modern well      | .19   | .392             | 5369             | 0            |
| Gets water from a private traditional well   | .07   | .250             | 5369             | 0            |
| If piped drinking water in residence         | .11   | .309             | 5369             | 0            |
| Other source of drinking water               | .01   | .106             | 5369             | 0            |
| If uses own flush toilet                     | .00   | .067             | 5369             | 0            |
| If gets water from a public traditional well | .23   | .422             | 5369             | 0            |
| If uses an improved latrine                  | .06   | .229             | 5369             | 0            |
| If uses (1) surface water for drinking       | .03   | .165             | 5369             | 0            |
| If uses bush,field as latrine                | .56   | .497             | 5369             | 0            |
| If uses pit latrine                          | .36   | .479             | 5369             | 0            |
| If gets water from a protected spring        | .01   | .087             | 5369             | 0            |
| If gets water from an unprotected spring     | .07   | .258             | 5369             | 0            |
| If has a cement floor (includes vinyl &      | .09   | .282             | 5369             | 0            |
| If has a dirt or sand floor                  | .90   | .301             | 5369             | 0            |
| If gets water from a (2) surface source      | .05   | .225             | 5369             | 0            |
| If has floor of ceramic tile (includes       | .00   | .065             | 5369             | 0            |
| If has dung (primary), wood, palm,           | .01   | .086             | 5369             | 0            |
| If uses wood as lighting fuel                | .21   | .404             | 5369             | 0            |
| If has walls made of natural materials       | .22   | .418             | 5369             | 0            |
| If uses gas as lighting fuel                 | .01   | .073             | 5369             | 0            |
| If uses other lighting fuel                  | .00   | .069             | 5369             | 0            |
| If gets water from a vender: modern well     | .08   | .273             | 5369             | 0            |
| If gets water from vendor: traditional well  | .01   | .071             | 5369             | 0            |
| If gets water from vendor: other source      | .01   | .119             | 5369             | 0            |
| If walls made of toles                       | .01   | .079             | 5369             | 0            |
| If uses electric lighting                    | .07   | .251             | 5369             | 0            |
| If uses piles for lighting fuel              | .11   | .309             | 5369             | 0            |
| If walls are made of banco                   | .67   | .472             | 5369             | 0            |
| If uses public tap water                     | .12   | .322             | 5369             | 0            |
| If uses a shared flush toilet                | .02   | .154             | 5369             | 0            |
| Wall is of semi-durable materials            | .06   | .242             | 5369             | 0            |
| Wall is made of durable materials            | .04   | .195             | 5369             | 0            |
| Roof is made of natural materials            | .54   | .499             | 5369             | 0            |
| If roof is made of banco                     | .1708 | .37637           | 5369             | 0            |
| If roof is made of toles                     | .2853 | .45162           | 5369             | 0            |
| If roof is made of other materials           | .0048 | .06943           | 5369             | 0            |
| If uses petrol as lighting fuel              | .6079 | .48826           | 5369             | 0            |
| Radio  | .4856 | .49984           | 5369             | 0            |
| Television                                   | .0801 | .27146           | 5369             | 0            |

**Component Score Coefficient  
Matrix**

|   | Component | Sum over each variable |                  |
|---|-----------|------------------------|------------------|
|   | 1         | If has                 | If does not have |
| If gets water from a private modern     | .013      | 0.106038375            | -0.001685378     |
| If gets water from a public modern      | -.029     | -0.059366987           | 0.013856388      |
| Gets water from a private traditional   | .001      | 0.004553113            | -0.000327235     |
| If piped drinking water in residence    | .088      | 0.255636411            | -0.030601731     |
| Other source of drinking water          | .000      | 0.003809152            | -4.37751E-05     |
| If uses own flush toilet                | .029      | 0.434512655            | -0.001951039     |
| If gets water from a public traditional | -.040     | -0.073603267           | 0.022196961      |
| If uses an improved latrine             | .060      | 0.247131892            | -0.014522836     |
| If uses (1) surface water for drinking  | -.013     | -0.074708153           | 0.002147197      |
| If uses bush,field as latrine           | -.099     | -0.088213789           | 0.111794587      |
| If uses pit latrine                     | .064      | 0.085907585            | -0.047475244     |
| If gets water from a protected spring   | .002      | 0.020341042            | -0.000156528     |
| If gets water from an unprotected       | -.033     | -0.118096333           | 0.00909709       |
| If has a cement floor (includes vinyl & | .096      | 0.309261234            | -0.029600718     |
| If has a dirt or sand floor             | -.097     | -0.032566408           | 0.291828854      |
| If gets water from a (2) surface source | -.024     | -0.10116194            | 0.005691976      |
| If has floor of ceramic tile (includes  | .018      | 0.279578015            | -0.001202823     |
| If has dung (primary), wood, palm,      | .012      | 0.134883249            | -0.001012447     |
| If uses wood as lighting fuel           | -.059     | -0.115797792           | 0.029940217      |
| If has walls made of natural materials  | -.062     | -0.114850546           | 0.033342816      |
| If uses gas as lighting fuel            | .007      | 0.091803416            | -0.000498558     |
| If uses other lighting fuel             | -.003     | -0.049390833           | 0.000240345      |
| If gets water from a vender: modern     | .029      | 0.098277065            | -0.008664476     |
| If gets water from vendor: traditional  | .001      | 0.008349137            | -4.21989E-05     |
| If gets water from vendor: other        | .006      | 0.047632466            | -0.000693065     |
| If walls made of toles                  | .006      | 0.078253466            | -0.00049871      |
| If uses electric lighting               | .089      | 0.33092234             | -0.023925282     |
| If uses piles for lighting fuel         | -.029     | -0.084015295           | 0.010057305      |
| If walls are made of banco              | -.006     | -0.004074698           | 0.008133479      |
| If uses public tap water                | .019      | 0.051427442            | -0.006824443     |
| If uses a shared flush toilet           | .020      | 0.12660352             | -0.003141527     |
| Wall is of semi-durable materials       | .061      | 0.236215951            | -0.015669539     |
| Wall is made of durable materials       | .068      | 0.335328198            | -0.013852775     |
| Roof is made of natural materials       | -.094     | -0.087425581           | 0.101996511      |
| If roof is made of banco                | -.001     | -0.002102984           | 0.000433162      |
| If roof is made of toles                | .100      | 0.158975908            | -0.063474352     |
| If roof is made of other materials      | .030      | 0.429371184            | -0.002089397     |
| If uses petrol as lighting fuel         | .021      | 0.016851967            | -0.026130556     |
| Radio                                   | .077      | 0.079265612            | -0.074817324     |
| Television                              | .091      | 0.307803299            | -0.02679802      |

|                    |       |        |      |   |
|--------------------|-------|--------|------|---|
| Telephone          | .0173 | .13048 | 5369 | 0 |
| Refrigerator       | .0291 | .16798 | 5369 | 0 |
| Bicyclette         | .2362 | .42477 | 5369 | 0 |
| Mobylette/moto     | .0969 | .29578 | 5369 | 0 |
| Voiture/camion     | .0393 | .19433 | 5369 | 0 |
| Pirogue            | .0065 | .08048 | 5369 | 0 |
| Charrette          | .0507 | .21933 | 5369 | 0 |
| Chameau/cheval/ane | .3310 | .47061 | 5369 | 0 |

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

|                    |       |
|--------------------|-------|
| Telephone          | .058  |
| Refrigerator       | .072  |
| Bicyclette         | .046  |
| Mobylette/moto     | .079  |
| Voiture/camion     | .076  |
| Pirogue            | .006  |
| Charrette          | -.004 |
| Chameau/cheval/ane | -.059 |

Extraction Method: Principal  
Component Analysis. 1Component  
Scores.

|              |              |
|--------------|--------------|
| 0.438279043  | -0.00772554  |
| 0.415229357  | -0.012425816 |
| 0.082749525  | -0.025585564 |
| 0.241253511  | -0.02587169  |
| 0.37730792   | -0.015434659 |
| 0.069401716  | -0.000455392 |
| -0.016517217 | 0.000881437  |
| -0.084043172 | 0.041577037  |



National

**Statistics**

REGR factor score 1 for analysis 1

|             |         |           |
|-------------|---------|-----------|
| N           | Valid   | 29233     |
|             | Missing | 0         |
| Mean        |         | -.2681390 |
| Median      |         | -.4949923 |
| Std.        |         | .78148873 |
| Minimum     |         | -1.07795  |
| Maximum     |         | 4.41928   |
| Percentiles | 20      | -.7675554 |
|             | 40      | -.5788349 |
|             | 60      | -.3753109 |
|             | 80      | .0723542  |

**Report**

Mean

|  | Wealth Index Quintiles |       |      |      |      | Total |
|--|------------------------|-------|------|------|------|-------|
|  | 1.00                   | 2.00  | 3.00 | 4.00 | 5.00 |       |
| If gets water from a private modern well                   | .001                   | .001  | .006 | .016 | .049 | .015  |
| If gets water from a public modern well                    | .180                   | .251  | .333 | .307 | .077 | .229  |
| Gets water from a private traditional well                 | .002                   | .084  | .108 | .144 | .150 | .098  |
| If piped drinking water in residence                       | .000                   | .000  | .000 | .002 | .226 | .045  |
| Other source of drinking water                             | .002                   | .009  | .023 | .009 | .009 | .010  |
| If uses own flush toilet                                   | .000                   | .000  | .000 | .000 | .010 | .002  |
| If gets water from a public traditional well               | .258                   | .471  | .354 | .384 | .099 | .316  |
| If uses an improved latrine                                | .000                   | .000  | .000 | .001 | .137 | .028  |
| If uses (1) surface water for drinking                     | .047                   | .036  | .044 | .014 | .005 | .029  |
| If uses bush,field as latrine                              | 1.000                  | .994  | .924 | .574 | .078 | .716  |
| If uses pit latrine  | .000                   | .005  | .071 | .403 | .718 | .238  |
| If gets water from a protected spring                      | .003                   | .004  | .004 | .004 | .015 | .006  |
| If gets water from an unprotected spring                   | .301                   | .056  | .025 | .021 | .003 | .081  |
| If has a cement floor (includes vinyl & other floor types) | .000                   | .000  | .000 | .000 | .236 | .047  |
| If has a dirt or sand floor                                | 1.000                  | 1.000 | .998 | .988 | .732 | .944  |
| If gets water from a (2) surface source                    | .180                   | .064  | .054 | .040 | .001 | .068  |
| If has floor of ceramic tile (includes parquet floor)      | .000                   | .000  | .000 | .003 | .020 | .005  |
| If has dung (primary), wood, palm, bamboo flooring         | .000                   | .000  | .000 | .007 | .010 | .003  |
| If uses wood as lighting fuel                              | .675                   | .347  | .070 | .022 | .005 | .227  |
| If has walls made of natural materials                     | .823                   | .174  | .068 | .042 | .008 | .222  |
| If uses gas as lighting fuel                               | .000                   | .003  | .005 | .003 | .007 | .004  |
| If uses other lighting fuel                                | .008                   | .004  | .002 | .001 | .001 | .003  |
| If gets water from a vender: modern well                   | .000                   | .000  | .002 | .005 | .134 | .028  |
| If gets water from vendor: traditional well                | .000                   | .000  | .001 | .003 | .004 | .002  |

|   |       |      |      |      |      |      |
|---|-------|------|------|------|------|------|
| If gets water from vendor: other source | .003  | .003 | .011 | .002 | .019 | .007 |
| If walls made of toles                  | .000  | .002 | .003 | .002 | .014 | .004 |
| If uses electric lighting               | .000  | .000 | .000 | .000 | .154 | .031 |
| If uses piles for lighting fuel         | .183  | .264 | .103 | .072 | .010 | .129 |
| If walls are made of banco              | .177  | .824 | .926 | .938 | .689 | .712 |
| If uses public tap water                | .023  | .020 | .036 | .048 | .208 | .066 |
| If uses a shared flush toilet           | .000  | .000 | .005 | .020 | .056 | .016 |
| Wall is of semi-durable materials       | .000  | .000 | .002 | .014 | .188 | .041 |
| Wall is made of durable materials       | .000  | .000 | .000 | .001 | .099 | .020 |
| Roof is made of natural materials       | 1.000 | .978 | .710 | .604 | .076 | .679 |
| If roof is made of banco                | .000  | .022 | .290 | .342 | .196 | .166 |
| If roof is made of toles                | .000  | .000 | .000 | .052 | .716 | .152 |
| If roof is made of other materials      | .000  | .000 | .000 | .000 | .012 | .002 |
| If uses petrol as lighting fuel         | .132  | .379 | .814 | .902 | .821 | .604 |
| Radio                                   | .133  | .182 | .266 | .622 | .854 | .410 |
| Television                              | .000  | .000 | .000 | .002 | .192 | .039 |
| Telephone                               | .000  | .000 | .000 | .000 | .045 | .009 |
| Refrigerateur                           | .000  | .000 | .000 | .000 | .069 | .014 |
| Bicyclette                              | .010  | .094 | .262 | .485 | .501 | .268 |
| Mobylette/moto                          | .000  | .000 | .005 | .025 | .276 | .061 |
| Voiture/camion                          | .000  | .000 | .000 | .000 | .130 | .026 |
| Pirogue                                 | .000  | .011 | .003 | .009 | .011 | .007 |
| Charrette                               | .065  | .077 | .097 | .146 | .096 | .096 |
| Chameau/cheval/ane                      | .833  | .300 | .379 | .281 | .108 | .377 |