

**Health, Nutrition, Population and Poverty**  
**Morocco 1992 - ANNEX B: ASSETS AND FACTOR SCORES**

| Asset Variable   | Unweighted |                | Quintiles                |       |       |       |         |           | Average  | Factor Score | Household score if: |  |
|--|------------|----------------|--------------------------|-------|-------|-------|---------|-----------|----------|--------------|---------------------|--|
|  |            |                | Lowest                   | 2nd   | 3rd   | 4th   | Highest | has asset |          |              | no asset            |  |
|  | Mean       | Std. Deviation | Percentage of Population |       |       |       |         |           |          |              |                     |  |
| Has electricity  | 0.49156    | 0.49997        | 0.3%                     | 10.2% | 33.2% | 91.2% | 99.9%   | 46.9%     | 0.12278  | -0.12071     | -0.12071            |  |
| Has radio  | 0.84522    | 0.36172        | 69.1%                    | 86.0% | 87.1% | 89.9% | 99.7%   | 86.4%     | 0.04370  | 0.01870      | -0.10212            |  |
| Has television   | 0.58492    | 0.49277        | 1.1%                     | 38.1% | 71.7% | 93.0% | 100.0%  | 60.8%     | 0.10911  | 0.09190      | -0.12951            |  |
| Has refrigerator                                       | 0.30303    | 0.45960        | 0.0%                     | 0.2%  | 4.2%  | 44.0% | 99.4%   | 29.6%     | 0.11168  | 0.16937      | -0.07364            |  |
| Has bicycle  | 0.09883    | 0.29846        | 3.1%                     | 12.9% | 16.3% | 13.1% | 11.9%   | 11.5%     | 0.00826  | 0.02493      | -0.00273            |  |
| Has motorcycle   | 0.11814    | 0.32280        | 0.8%                     | 10.0% | 22.4% | 18.3% | 20.8%   | 14.5%     | 0.02639  | 0.07209      | -0.00966            |  |
| Has car  | 0.10202    | 0.30270        | 0.3%                     | 3.0%  | 9.2%  | 9.8%  | 33.4%   | 11.2%     | 0.05201  | 0.15428      | -0.01753            |  |
| If HH has a domestic worker not related to head        | 0.01034    | 0.10116        | 0.0%                     | 0.2%  | 0.0%  | 0.3%  | 4.5%    | 1.0%      | 0.02171  | 0.21240      | -0.00222            |  |
| If household works own or family's agric. land         | 0.85814    | 0.34893        | 91.3%                    | 94.2% | 95.6% | 93.1% | 94.9%   | 93.8%     | 0.01332  | 0.00542      | -0.03276            |  |
| Number of members per sleeping room                    | 2.60225    | 1.59485        | 3.3                      | 3.1   | 3.1   | 3.0   | 2.4     | 3.0       | -0.02041 |              |                     |  |
| If piped drinking water in residence                   | 0.41767    | 0.49321        | 0.0%                     | 2.1%  | 18.9% | 77.4% | 99.4%   | 39.5%     | 0.12135  | 0.14327      | -0.10276            |  |
| If has a well in residence                             | 0.06051    | 0.23845        | 5.7%                     | 9.4%  | 15.7% | 4.3%  | 0.0%    | 7.0%      | -0.01666 | -0.06563     | 0.00423             |  |
| If uses river, canal or surface water for drinking     | 0.15326    | 0.36027        | 49.5%                    | 21.2% | 7.4%  | 0.7%  | 0.0%    | 15.8%     | -0.06810 | -0.16005     | 0.02897             |  |
| Other source of drinking water                         | 0.01885    | 0.13602        | 1.2%                     | 3.4%  | 3.3%  | 1.2%  | 0.0%    | 1.8%      | -0.00865 | -0.06238     | 0.00120             |  |
| If uses own flush toilet                               | 0.46906    | 0.49908        | 0.0%                     | 7.0%  | 37.8% | 81.7% | 98.6%   | 45.0%     | 0.11688  | 0.12434      | -0.10985            |  |
| If uses a shared flush toilet                          | 0.06355    | 0.24398        | 0.1%                     | 0.8%  | 8.7%  | 13.7% | 1.3%    | 4.9%      | 0.01488  | 0.05713      | -0.00388            |  |
| If uses bush,field as latrine                          | 0.36825    | 0.48237        | 93.4%                    | 73.9% | 28.0% | 0.5%  | 0.0%    | 39.2%     | -0.11326 | -0.14833     | 0.08647             |  |
| If other type of latrine                               | 0.00046    | 0.02135        | 0.1%                     | 0.2%  | 0.0%  | 0.0%  | 0.0%    | 0.1%      | -0.00351 | -0.16452     | 0.00008             |  |
| If has dirt, sand, dung as principal floor in dwelling | 0.28858    | 0.45314        | 93.3%                    | 47.1% | 10.1% | 1.4%  | 0.0%    | 30.4%     | -0.10222 | -0.16049     | 0.06510             |  |
| If has wood, plank principal floor in dwelling         | 0.00061    | 0.02466        | 0.0%                     | 0.1%  | 0.3%  | 0.0%  | 0.0%    | 0.1%      | -0.00074 | -0.03013     | 0.00002             |  |
| If has cement principal floor                          | 0.35381    | 0.47819        | 6.2%                     | 51.6% | 76.6% | 45.0% | 0.5%    | 36.0%     | -0.01705 | -0.02304     | 0.01262             |  |
| If has other type of flooring                          | 0.00015    | 0.01233        | 0.1%                     | 0.0%  | 0.0%  | 0.0%  | 0.0%    | 0.0%      | -0.00246 | -0.19954     | 0.00003             |  |
| If has carpeted flooring                               | 0.00213    | 0.04609        | 0.1%                     | 0.0%  | 0.1%  | 0.6%  | 0.2%    | 0.2%      | 0.00467  | 0.10115      | -0.00022            |  |
| If has ceramic tile floors                             | 0.34301    | 0.47475        | 0.0%                     | 0.4%  | 11.2% | 50.6% | 98.7%   | 32.2%     | 0.11329  | 0.15677      | -0.08185            |  |
| If has parquet or polished wood floors                 | 0.00076    | 0.02756        | 0.0%                     | 0.2%  | 0.0%  | 0.2%  | 0.0%    | 0.1%      | 0.00082  | 0.02988      | -0.00002            |  |
| If has palm frond floors                               | 0.00319    | 0.05642        | 0.1%                     | 0.3%  | 0.6%  | 0.2%  | 0.3%    | 0.3%      | 0.00023  | 0.00411      | -0.00001            |  |
| If has a metal roof                                    | 0.07237    | 0.25912        | 4.8%                     | 17.2% | 11.5% | 2.6%  | 0.0%    | 7.2%      | -0.02517 | -0.09009     | 0.00703             |  |
| If has wooden roof                                     | 0.02205    | 0.14685        | 1.7%                     | 4.7%  | 2.8%  | 1.8%  | 0.0%    | 2.2%      | -0.01096 | -0.07299     | 0.00165             |  |
| If has paving stone as roofing materials               | 0.53687    | 0.49868        | 0.0%                     | 15.9% | 54.8% | 91.0% | 99.8%   | 52.3%     | 0.11826  | 0.10983      | -0.12731            |  |
| If has natural material roofing                        | 0.33237    | 0.47110        | 91.4%                    | 52.3% | 25.1% | 3.6%  | 0.0%    | 34.5%     | -0.10125 | -0.14349     | 0.07144             |  |
| If has other roofing                                   | 0.00030    | 0.01744        | 0.1%                     | 0.0%  | 0.0%  | 0.0%  | 0.0%    | 0.0%      | -0.00357 | -0.20490     | 0.00006             |  |
| If rain for drinking water                             | 0.02646    | 0.16050        | 4.6%                     | 6.4%  | 1.7%  | 0.3%  | 0.0%    | 2.6%      | -0.02247 | -0.13631     | 0.00370             |  |
| If uses a public faucet (piped)                        | 0.12909    | 0.33532        | 1.6%                     | 17.5% | 31.3% | 10.4% | 0.1%    | 12.2%     | -0.01353 | -0.03515     | 0.00521             |  |
| If obtains water from a tanker truck                   | 0.00973    | 0.09817        | 0.0%                     | 0.0%  | 1.0%  | 2.9%  | 0.1%    | 0.8%      | 0.00750  | 0.07570      | -0.00074            |  |
| If uses bottled water                                  | 0.00167    | 0.04087        | 0.0%                     | 0.0%  | 0.0%  | 0.3%  | 0.5%    | 0.2%      | 0.00577  | 0.14093      | -0.00024            |  |
| If uses a traditional public well                      | 0.18185    | 0.38575        | 37.3%                    | 40.0% | 20.3% | 2.5%  | 0.0%    | 20.0%     | -0.05954 | -0.12627     | 0.02807             |  |
| If uses a traditional pit latrine                      | 0.07161    | 0.25787        | 6.2%                     | 14.0% | 16.3% | 1.2%  | 0.0%    | 7.5%      | -0.02479 | -0.08927     | 0.00689             |  |
| If uses a VIP latrine                                  | 0.02554    | 0.15778        | 0.1%                     | 3.7%  | 8.7%  | 2.7%  | 0.1%    | 3.1%      | -0.00547 | -0.03376     | 0.00088             |  |
| If floor is made of vinyl or asphalt strips            | 0.00015    | 0.01233        | 0.0%                     | 0.0%  | 0.0%  | 0.1%  | 0.0%    | 0.0%      | 0.00211  | 0.17082      | -0.00003            |  |

Notes:

1. Household score for number of members per sleeping room is calculated as follows:

(# people per room - unweighted mean) / unweighted standard deviation ) \* factor score; see Annex C.

2. Household score for size of land (irrigated or non-irrigated) is calculated as follows:

( acres of land - unweighted mean) / unweighted standard deviation ) \* factor score; see Annex C.