### Health, Nutrition, Population and Poverty
#### Malawi 1992 - ANNEX B: ASSETS AND FACTOR SCORES

<table>
<thead>
<tr>
<th>Asset Variable</th>
<th>Mean</th>
<th>Std. Deviation</th>
<th>Lowest 2nd 3rd 4th Highest Average</th>
<th>Factor Score</th>
<th>Household score if:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Unweighted</td>
<td>Lowest</td>
<td>Percentage of Population</td>
<td>2nd</td>
<td>3rd</td>
</tr>
<tr>
<td>Has electricity</td>
<td>0.059</td>
<td>0.235</td>
<td>0.0% 0.0% 0.0% 0.0% 18.5% 3.7%</td>
<td>0.12976</td>
<td>1.01909</td>
</tr>
<tr>
<td>Has radio</td>
<td>0.393</td>
<td>0.489</td>
<td>0.5% 5.6% 30.1% 0.0% 74.0% 76.3%</td>
<td>0.09582</td>
<td>1.11903</td>
</tr>
<tr>
<td>Has bicycle</td>
<td>0.202</td>
<td>0.401</td>
<td>8.4% 2.9% 29.1% 46.3% 41.5% 25.8%</td>
<td>0.02932</td>
<td>0.05832</td>
</tr>
<tr>
<td>Has motorcycle</td>
<td>0.012</td>
<td>0.107</td>
<td>0.0% 0.0% 0.0% 0.5% 0.1% 8.7%</td>
<td>0.04704</td>
<td>0.43324</td>
</tr>
<tr>
<td>Has car</td>
<td>0.017</td>
<td>0.129</td>
<td>7.8% 82.5% 88.9% 93.7% 88.3% 85.5%</td>
<td>0.07498</td>
<td>0.57166</td>
</tr>
<tr>
<td>Has Paraffin Lamp</td>
<td>0.836</td>
<td>0.371</td>
<td>73.8% 82.5% 88.9% 93.7% 88.3% 85.5%</td>
<td>-0.00350</td>
<td>-0.00155</td>
</tr>
<tr>
<td>Has oxcart</td>
<td>0.027</td>
<td>0.163</td>
<td>1.1% 1.3% 2.9% 5.5% 7.0% 3.6%</td>
<td>0.00599</td>
<td>0.03578</td>
</tr>
<tr>
<td>If HH has a domestic worker not related to head</td>
<td>0.003</td>
<td>0.056</td>
<td>0.0% 0.0% 0.0% 0.1%</td>
<td>0.02877</td>
<td>0.50825</td>
</tr>
<tr>
<td>If household works own or family's agric. land</td>
<td>0.756</td>
<td>0.429</td>
<td>78.1% 79.7% 87.8%</td>
<td>87.4% 85.3% 83.7%</td>
<td>0.00851</td>
</tr>
<tr>
<td>Number of members per sleeping room</td>
<td>2.585</td>
<td>1.455</td>
<td>3.6 3.1 2.9 2.7 2.7</td>
<td>3.0</td>
<td>-0.01758</td>
</tr>
<tr>
<td>If piped drinking water in residence</td>
<td>0.035</td>
<td>0.184</td>
<td>0.0% 0.0% 0.0% 0.1%</td>
<td>0.10861</td>
<td>0.57072</td>
</tr>
<tr>
<td>If water from protected/borehole well</td>
<td>0.186</td>
<td>0.389</td>
<td>28.5% 12.9% 32.0%</td>
<td>22.0% 16.8% 22.6%</td>
<td>-0.03103</td>
</tr>
<tr>
<td>If uses river, canal or surface water for drinking</td>
<td>0.141</td>
<td>0.348</td>
<td>18.4% 18.6% 17.9%</td>
<td>14.9% 6.6% 15.3%</td>
<td>-0.03359</td>
</tr>
<tr>
<td>If uses own flush toilet</td>
<td>0.034</td>
<td>0.181</td>
<td>0.0% 0.0% 0.0%</td>
<td>0.2% 10.6%</td>
<td>0.11313</td>
</tr>
<tr>
<td>If uses a shared flush toilet</td>
<td>0.010</td>
<td>0.098</td>
<td>0.0% 0.0% 0.0%</td>
<td>0.3%</td>
<td>0.03130</td>
</tr>
<tr>
<td>If uses bush,field as latrine</td>
<td>0.228</td>
<td>0.420</td>
<td>88.3% 13.1% 14.7%</td>
<td>5.7% 2.1% 25.0%</td>
<td>-0.06608</td>
</tr>
<tr>
<td>If other type of latrine</td>
<td>0.000</td>
<td>0.014</td>
<td>0.0% 0.0% 0.0%</td>
<td>0.0%</td>
<td>0.00067</td>
</tr>
<tr>
<td>If has dirt, sand, dung as principal floor in dwelling</td>
<td>0.803</td>
<td>0.398</td>
<td>100.0% 100.0% 100.0%</td>
<td>99.5% 23.7%</td>
<td>-0.16846</td>
</tr>
<tr>
<td>If has wood, plank principal floor in dwelling</td>
<td>0.000</td>
<td>0.014</td>
<td>0.0% 0.0% 0.0%</td>
<td>0.0%</td>
<td>0.01069</td>
</tr>
<tr>
<td>If has cement principal floor</td>
<td>0.190</td>
<td>0.393</td>
<td>0.0% 0.0% 0.0%</td>
<td>0.4% 73.6%</td>
<td>0.16544</td>
</tr>
<tr>
<td>If has other type of flooring</td>
<td>0.000</td>
<td>0.014</td>
<td>0.0% 0.0% 0.0%</td>
<td>0.0%</td>
<td>0.00106</td>
</tr>
<tr>
<td>If has natural material roofing</td>
<td>0.754</td>
<td>0.431</td>
<td>100.0% 100.0% 100.0%</td>
<td>93.2% 6.4%</td>
<td>-0.16303</td>
</tr>
<tr>
<td>If has other roofing</td>
<td>0.006</td>
<td>0.078</td>
<td>0.0% 0.0% 0.0%</td>
<td>0.3% 0.6% 0.8%</td>
<td>0.00012</td>
</tr>
<tr>
<td>If uses a public faucet (piped)</td>
<td>0.254</td>
<td>0.435</td>
<td>0.6% 7.0% 17.9%</td>
<td>36.8% 35.0% 19.5%</td>
<td>0.03334</td>
</tr>
<tr>
<td>If uses a traditional public well</td>
<td>0.321</td>
<td>0.467</td>
<td>52.5% 61.3% 32.0%</td>
<td>23.8% 13.1% 36.3%</td>
<td>-0.06284</td>
</tr>
<tr>
<td>If uses a traditional pit toilet</td>
<td>0.719</td>
<td>0.449</td>
<td>11.7% 86.9% 84.9%</td>
<td>92.5% 83.1%</td>
<td>0.00628</td>
</tr>
<tr>
<td>If uses a VIP latrine</td>
<td>0.008</td>
<td>0.087</td>
<td>0.0% 0.0% 0.0%</td>
<td>0.2%</td>
<td>0.01531</td>
</tr>
<tr>
<td>If has water piped into yard or plot</td>
<td>0.062</td>
<td>0.241</td>
<td>0.0% 0.0% 0.0%</td>
<td>0.2% 17.0% 3.8%</td>
<td>0.07734</td>
</tr>
<tr>
<td>If has tiles for main flooring material</td>
<td>0.001</td>
<td>0.034</td>
<td>0.0% 0.0% 0.0%</td>
<td>0.0%</td>
<td>0.02320</td>
</tr>
<tr>
<td>If has iron sheets as roofing material</td>
<td>0.236</td>
<td>0.425</td>
<td>0.0% 0.0% 0.0%</td>
<td>3.4%</td>
<td>91.6%</td>
</tr>
<tr>
<td>If has iron and tiles for roofing materials</td>
<td>0.003</td>
<td>0.051</td>
<td>0.0% 0.0% 0.0%</td>
<td>0.0% 1.0%</td>
<td>0.02557</td>
</tr>
<tr>
<td>If has asbestos as main roofing material</td>
<td>0.001</td>
<td>0.027</td>
<td>0.0% 0.0% 0.0%</td>
<td>0.0%</td>
<td>0.01822</td>
</tr>
<tr>
<td>If has cement as main roofing material</td>
<td>0.000</td>
<td>0.019</td>
<td>0.0% 0.0% 0.0%</td>
<td>0.0%</td>
<td>0.01178</td>
</tr>
</tbody>
</table>

Notes:
1. Household score for number of members per sleeping room is calculated as follows:
   \((\text{# people per room - unweighted mean}) / \text{unweighted standard deviation}) \times \text{factor score};\text{ see Annex C.}\)
2. Household score for size of land (irrigated or non-irrigated) is calculated as follows:
   \((\text{acres of land - unweighted mean}) / \text{unweighted standard deviation}) \times \text{factor score};\text{ see Annex C.}\)
Malawi 1992
Annex B: Assets and Factor Scores

<table>
<thead>
<tr>
<th>Wealth Quintile</th>
<th>Asset Index Value</th>
<th>Lowest</th>
<th>Highest</th>
</tr>
</thead>
<tbody>
<tr>
<td>poorest</td>
<td>lowest</td>
<td>-0.62101</td>
<td></td>
</tr>
<tr>
<td>second</td>
<td>-0.62101</td>
<td>-0.55095</td>
<td></td>
</tr>
<tr>
<td>middle</td>
<td>-0.55095</td>
<td>-0.38565</td>
<td></td>
</tr>
<tr>
<td>fourth</td>
<td>-0.38565</td>
<td>0.17979</td>
<td></td>
</tr>
<tr>
<td>richest</td>
<td>0.17979</td>
<td>highest</td>
<td></td>
</tr>
</tbody>
</table>