* PURPOSE: To calculate Jordan wealth index
DATE: Feb 15 2013
DATA LIST FILE='C:\USERS\DOCUMENTS\WEALTHINDEX\JO-2013-CALCS\JOEXPORT.SAV' RECORDS=1 /
HHID        1-12   (A)
HV005      13-20
HV025      21-21
HV009      22-23
HV012      24-25
HV013      26-27
HV201      28-29
HV202      30-31
HV204      32-34
HV205      35-36
HV206      37-37
HV207      38-38
HV208      39-39
HV209      40-40
HV210      41-41
HV211      42-42
HV212      43-43
HV213      44-45
HV214      46-47
HV215      48-49
HV216      50-51
HV217      52-52
HV218      53-54
HV219      55-55
HV220      56-57
HV221      58-58
HV225      59-59
HV226      60-61
HV227      62-62
HV228      63-63
HV230A     64-64
HV230B     65-65
HV232      66-66
HV232B     67-67
HV232C     68-68
HV232D     69-69
HV232E     70-70
HV232Y     71-71
HV234      72-74
HV234A     75-75
HV235      76-76
HV236      77-77
HV237      78-78
HV237A     79-79
HV237B     80-80
HV237C     81-81
HV237D  82–82
HV237E  83–83
HV237F  84–84
HV237G  85–85
HV237H  86–86
HV237I  87–87
HV237J  88–88
HV237K  89–89
HV237X  90–90
HV237Z  91–91
HV238    92–92
HV239    93–93
HV240    94–94
HV241    95–95
HV242    96–96
HV243A   97–97
HV243B   98–99
HV243C   100–100
HV243D   101–101
HV244    102–102
HV245    103–105
HV246    106–106
HV246A   107–108
HV246B   109–110
HV246C   111–112
HV246D   113–114
HV246E   115–116
HV246F   117–118
HV246G   119–120
HV246H   121–122
HV246I   123–124
HV246J   125–126
HV246K   127–128
HV247    129–129
HV252    130–130
HV253    131–131
HV253A   132–132
HV253B   133–133
HV253C   134–134
HV253D   135–135
HV253E   136–136
HV253F   137–137
HV253G   138–138
HV253H   139–139
HV253X   140–140
HV253Z   141–141
HV270    142–142
HV271    143–150
HML1     151–152
HML1A    153–153
HML2     154–155
SHGOV    156–157
VARIABLE LABELS
HHID    "Case Identification"
/HV005  "Household sample weight (6 decimals)"
/HV025  "Type of place of residence"
/HV009  "Number of household members"
/HV012  "Number of de jure members"
/HV013  "Number of de facto members"
/HV201  "Source of drinking water"
/HV202  "Source of non-drinking water"
/HV204  "Time to get to water source (minutes)"
/HV205  "Type of toilet facility"
/HV206  "Has electricity"
/HV207  "Has radio"
/HV208  "Has television"
/HV209  "Has refrigerator"
/HV210  "Has bicycle"
/HV211  "Has motorcycle/scooter"
/HV212  "Has car/truck"
/HV213  "Main floor material"
/HV214  "Main wall material"
/HV215  "Main roof material"
/HV216  "Number of rooms used for sleeping"
/HV217  "Relationship structure"
/HV218  "Line number of head of household"
/HV219  "Sex of head of household"
/HV220  "Age of head of household"
/HV221  "Has telephone (land-line)"
/HV225  "Share toilet with other households"
/HV226  "Type of cooking fuel"
/HV227  "Has mosquito bed net for sleeping"
/HV228  "Children under 5 slept under mosquito bed net last night"
/HV230A "Place where household members wash their hands"
/HV230B "Presence of water at hand washing place"
/HV232  "Items present: Soap or detergent"
/HV232B "Items present: Ash, mud, sand"
/HV232C "Items present: CS"
/HV232D "Items present: CS"
/HV232E "Items present: CS"
/HV232Y "Items present: None"
/HV234  "Result of salt test for iodine (PPM)"
/HV234A "Result of salt test for iodine"
/HV235  "Location of source for water"
/HV236  "Person fetching water"
/HV237  "Anything done to water to make safe to drink"
/HV237A "Water usually treated by: boil"
/HV237B "Water usually treated by: add bleach/chlorine"
/HV237C "Water usually treated by: strain through a cloth"
/HV237D "Water usually treated by: use water filter"
/HV237E "Water usually treated by: solar disinfection"
/HV237F "Water usually treated by: let it stand and settle"
/HV237G "Water usually treated by: CS"
/HV237H "Water usually treated by: CS"
"Water usually treated by: CS"
"Water usually treated by: CS"
"Water usually treated by: CS"
"Water usually treated by: other"
"Water usually treated by: don't know"
"Number of households sharing toilet"
"Food cooked on stove or open fire"
"Household has a chimney, hood or neither"
"Food cooked in the house/ separate building/ outdoors"
"Household has separate room used as kitchen"
"Has mobile telephone"
"Has watch"
"Has animal-drawn cart"
"Has boat with a motor"
"Owns land usable for agriculture"
"Hectares of agricultural land (1 decimal)"
"Owns livestock, herds or farm animals"
"Owns cattle"
"Owns cows/ bulls"
"Owns horses/ donkeys/ mules"
"Owns goats"
"Owns sheep"
"Owns chickens"
"Owns CS"
"Owns CS"
"Owns CS"
"Owns CS"
"Owns CS"
"Has bank account"
"Frequency household members smoke inside the house"
"Has dwelling been sprayed against mosquitoes in last 12 months"
"Dwelling sprayed by: government worker/program"
"Dwelling sprayed by: private company"
"Dwelling sprayed by: NGO"
"Dwelling sprayed by: CS"
"Dwelling sprayed by: CS"
"Dwelling sprayed by: CS"
"Dwelling sprayed by: CS"
"Dwelling sprayed by: CS"
"Dwelling sprayed by: other"
"Dwelling sprayed by: don't know"
"Wealth index"
"Wealth index factor score (5 decimals)"
"Number of mosquito bed nets"
"Number of mosquito bed nets with specific information"
"Number of children under mosquito bed net previous night"
MISSING VALUE
HV201 (99)
VALUE LABELS

HV025
  1 "Urban"
  2 "Rural"

/HV201
  10 "PIPED WATER"
  11 "Piped into dwelling"
  12 "Piped to yard/plot"
  13 "Public tap/standpipe"
  20 "TUBE WELL WATER"
  21 "Tube well or borehole"
  30 "DUG WELL (OPEN/PROTECTED)"
  31 "Protected well"
  32 "Unprotected well"
  40 "SURFACE WATER"
  41 "Protected spring"
  42 "Unprotected spring"
  43 "River/dam/lake/ponds/stream/canal/irrigation channel"
  51 "Rainwater"
  61 "Tanker truck"
  62 "Cart with small tank"
  71 "Bottled water"
  96 "Other"

/HV202
  10 "PIPED WATER"
  11 "Piped into dwelling"
  12 "Piped to yard/plot"
  13 "Public tap/standpipe"
  20 "TUBE WELL WATER"
  21 "Tube well or borehole"
  30 "DUG WELL (OPEN/PROTECTED)"
  31 "Protected well"
  32 "Unprotected well"
  40 "SURFACE WATER"
  41 "Protected spring"
  42 "Unprotected spring"
  43 "River/dam/lake/ponds/stream/canal/irrigation channel"
  51 "Rainwater"
  61 "Tanker truck"
62 "Cart with small tank"
71 "Bottled water"
96 "Other"

/ HV204
996 "On premises"
998 "Don't know"

/ HV205
10 "FLUSH TOILET"
11 "Flush to piped sewer system"
12 "Flush to septic tank"
13 "Flush to pit latrine"
14 "Flush to somewhere else"
20 "PIT TOILET LATRINE"
21 "Ventilated Improved Pit latrine (VIP)"
22 "Pit latrine with slab"
23 "Pit latrine without slab/open pit"
30 "NO FACILITY"
31 "No facility/bush/field"
96 "Other"

/ HV206
0 "No"
1 "Yes"

/ HV207
0 "No"
1 "Yes"

/ HV208
0 "No"
1 "Yes"

/ HV209
0 "No"
1 "Yes"

/ HV210
0 "No"
1 "Yes"

/ HV211
0 "No"
1 "Yes"

/ HV212
0 "No"
1 "Yes"

/ HV213
10 "NATURAL"
11 "Earth"
20 "RUDIMENTARY"
30 "FINISHED"
31 "Parquet or polished wood"
32 "Tile"
33 "Marble, ceramic tile"
34 "Cement"
96 "Other"

/ HV214
10 "NATURAL"
11 "Hair wool cloth"
20 "RUDIMENTARY"
21 "Mud bricks"
22 "Mud bricks with stones"
23 "Asbestos, wood, zinc"
30 "FINISHED"
31 "Cement bricks"
32 "Cut stone"
33 "Cut stone and concrete"
34 "Concrete"
96 "Other"

/HV215
10 "NATURAL"
11 "Hair wool cloth"
20 "RUDIMENTARY"
21 "Mud bricks"
22 "Mud bricks with stones"
23 "Asbestos, wood, zinc"
30 "FINISHED"
31 "Concrete"
96 "Other"

/HV217
0 "No adults"
1 "One adult"
2 "Two adults, opposite sex"
3 "Two adults, same sex"
4 "Three+ related adults"
5 "Unrelated adults"

/HV219
1 "Male"
2 "Female"

/HV220
97 "97+"
98 "Don't know"

/HV221
0 "No"
1 "Yes"

/HV225
0 "No"
1 "Yes"

/HV226
1 "Electricity"
2 "Natural gas"
3 "Kerosene"
4 "Coal, wood"
96 "Other"

/HV227
0 "No"
1 "Yes"

/HV228
0 "No"
1 "All children"
2 "Some children"
3 "No net in household"
/HV230A
1 "Observed"
2 "Not observed: not in dwelling"
3 "Not observed: no permission to see"
4 "Not observed: other reason"
/HV230B
0 "Water not available"
1 "Water is available"
/HV232
0 "No"
1 "Yes"
/HV232B
0 "No"
1 "Yes"
/HV232C
0 "No"
1 "Yes"
/HV232D
0 "No"
1 "Yes"
/HV232E
0 "No"
1 "Yes"
/HV232Y
0 "No"
1 "Yes: no cleansing agent observed"
/HV234
0 "0 PPM (no iodine)"
7 "Below 15 PPM"
15 "15 PPM and above"
30 "30 PPM"
994 "Salt not tested"
995 "No salt in household"
/HV234A
0 "No iodine"
1 "Iodine present"
3 "No salt in household"
6 "Salt not tested"
/HV235
1 "In own dwelling"
2 "In own yard/plot"
3 "Elsewhere"
/HV236
1 "Adult woman"
2 "Adult man"
3 "Female child under 15 years old"
4 "Male child under 15 years old"
6 "Other"
/HV237
0 "No"
1 "Yes"
8 "Don't know"

/HV237A
0 "No"
1 "Yes"
8 "Don't know"

/HV237B
0 "No"
1 "Yes"
8 "Don't know"

/HV237C
0 "No"
1 "Yes"
8 "Don't know"

/HV237D
0 "No"
1 "Yes"
8 "Don't know"

/HV237E
0 "No"
1 "Yes"
8 "Don't know"

/HV237F
0 "No"
1 "Yes"
8 "Don't know"

/HV237G
0 "No"
1 "Yes"
8 "Don't know"

/HV237H
0 "No"
1 "Yes"
8 "Don't know"

/HV237I
0 "No"
1 "Yes"
8 "Don't know"

/HV237J
0 "No"
1 "Yes"
8 "Don't know"

/HV237K
0 "No"
1 "Yes"
8 "Don't know"

/HV237X
0 "No"
1 "Yes"
8 "Don't know"

/HV237Z
0 "No"
1 "Yes: don't know what is done to water"
8 "Don't know"
/HV238
95 "10 or more households"
98 "Don't know"
/HV239
1 "Open fire"
2 "Open stove"
3 "Closed stove with chimney"
6 "Other"
/HV240
0 "Neither chimney or hood"
1 "Chimney"
2 "Hood"
/HV241
1 "In the house"
2 "In a separate building"
3 "Outdoors"
6 "Other"
/HV242
0 "No"
1 "Yes"
/HV243A
0 "No"
1 "Yes"
/HV243B
0 "No"
1 "Yes"
/HV243C
0 "No"
1 "Yes"
/HV243D
0 "No"
1 "Yes"
/HV244
0 "No"
1 "Yes"
/HV245
950 "95 or more"
998 "Unknown"
/HV246
0 "No"
1 "Yes"
/HV246A
0 "None"
95 "95 or more"
98 "Unknown"
/HV246B
0 "None"
95 "95 or more"
98 "Unknown"
/HV246C
<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>24</td>
<td>&quot;Ajlun&quot;</td>
<td>31</td>
<td>&quot;Karak&quot;</td>
<td>32</td>
</tr>
<tr>
<td>33</td>
<td>&quot;Ma'an&quot;</td>
<td>34</td>
<td>&quot;Aqaba&quot;</td>
<td></td>
</tr>
</tbody>
</table>

/SHSTRATUM
1 "Badia urban"
2 "Palestinian Camp"
3 "Other urban"
4 "Badia rural"
5 "Other rural"

/SHBADIA
0 "Non badia"
1 "Badia"
2 "Badia camps"

/SHBADIA_R
1 "Badia Central"
2 "Badia North"
3 "Badia South"
4 "Other"

/SHCAMPS
0 "Not a camp"
1 "Camp"

/SH100
1 "Apartment"
2 "Dar"
3 "Villa"
4 "Hut/Barrack"
6 "Other"

/SH109B
7 "7+

/SH110_C
0 "No"
1 "Yes"

/SH110_F
0 "No"
1 "Yes"

/SH110_G
0 "No"
1 "Yes"

/SH110_H
0 "No"
1 "Yes"

/SH110_I
0 "No"
1 "Yes"

/SH110_J
0 "No"
1 "Yes"

/SH110_K
0 "No"
1 "Yes"
/***/

/*{Members per sleeping room}*/.
if (hv012=0) hv012=hv013.
if (hv216>0) memsleep=trunc(hv012/hv216).
if (hv216=0) memsleep=hv012.
if (memsleep>=98) memsleep=98.
VARIABLE LABELS
MEMSLEEP "Number of members per sleeping room".
value labels memsleep 0 'Less than 1 per room'.
EXECUTE.

* beds per person.
*if (sh109b>0) sh109b=1.
*if (sh109b=9) sh109b=0.
RECODE SH109B (9=0).
compute bedspp=(sh109b/hv012).
VARIABLE LABELS
bedspp "beds per person".
EXECUTE.

*computers .
*if (sh110a>0) sh110a=1.
RECODE SH110a (9=0).
*computers per adult.
compute compspa=(sh110a/Nbadults).
var labels compspa "computers per adult".

*mobiles per adult.
*if (sh110b>0) & (sh110b<9) sh110b=1.
*if (sh110b=9) sh110b=0.
RECODE SH110b (9=0).
compute mobspa=(SH110b/Nbadults).
VARIABLE LABELS
MOBSPA "Number of mobiles per adult".
EXECUTE.
*cars.
*if (sh118>0) & (sh118<9) sh118=1.
RECODE sh118 (9=0).
*cars per adult.
compute carspa=(sh118/Nbadults).
var labels carspa "cars per adult".

EXECUTE.
*{Drinking water supply}.
compute h2oires=0.
if (hv201=11) h2oires=1.
var labels h2oires "Piped into dwelling".
compute h2oyrd=0.
if (hv201=12) h2oyrd=1.
var labels h2oyrd "Piped into yard/plot".
compute h2ouspg=0.
if (hv201=42) h2ouspg=1.
var labels h2ouspg "Unprotected Spring".
compute h2orain=0.
if (hv201=51) h2orain=1.
var labels h2orain "Rainwater".
compute h2otruck=0.
if (hv201=61) h2otruck=1.
var labels h2otruck "Water from tanker truck".
compute h2obot=0.
if (hv201=71) h2obot=1.
var labels h2obot "Water from bottle".
EXECUTE.

*{Toilet facility}.
compute flushs=0.
if (hv205=11) flushs=1.
var labels flushs "Flush toilet to sewer".
compute flushp=0.
if (hv205=13) flushp=1.
var labels flushp "Flush toilet to pit latrine".
compute flushe=0.
if (hv205=14) flushe=1.
var labels flushe "Flush toilet to elsewhere".
compute latvip=0.
if (hv205=21) latvip=1.
var labels latvip "VIP latrine".
compute latpits=0.
if (hv205=22) latpits=1.
var labels latpits "Pit latrine with slab".
compute latpit=0.
if (hv205=23) latpit=1.
var labels latpit "Traditional pit latrine".
compute latbush=0.
if (hv205=31) latbush=1.
*shared toilet - so few shared that will not create shared per type.
compute latshare=0.
if (hv225=1) latshare=1.
var labels latshare 'Shares latrine/toilet with other households'.
execute.

*{Flooring}.
compute dirtfloo=0.
if (hv213=11) dirtfloo=1.
var labels dirtfloo "Earth floor".
compute woodfloo=0.
if (hv213=31) woodfloo=1.
var labels woodfloo "Parquet or polished wood".
compute tilefloo=0.
if (hv213=32) tilefloo=1.
var labels tilefloo "tile floor".
compute cerfloo=0.
if (hv213=33) cerfloo=1.
var labels cerfloo "Ceramic or marble floor".
compute cemtfloo=0.
if (hv213=34) cemtfloo=1.
var labels cemtfloo "Cement floor".
execute.

*{Walls}.
compute hairwall=0.
if (hv214=11) hairwall=1.
var labels hairwall "Hair wool walls".
compute mudwall=0.
if (hv214=21) mudwall=1.
var labels mudwall "Mud bricks".
compute mstonwall=0.
if (hv214=22) mstonwall=1.
var labels mstonwall "mud bricks with stones".
compute awzwall=0.
if (hv214=23) awzwall=1.
var labels awzwall "asbestos wood zinc".
compute cmtwall=0.
if (hv214=31) cmtwall=1.
var labels cmtwall "Cement walls".
compute stonwall=0.
if (hv214=32) stonwall=1.
var labels stonwall "cut stone wall".
compute cscwall=0.
if (hv214=33) cscwall=1.
var labels cscwall "cut stone and concrete walls".
compute concwall=0.
if (hv214=34) concwall=1.
var labels concwall "concrete walls".
execute.

*{Roofing}.
compute natroof=0.
if (hv215=11) natroof=1.
var labels natroof "hair wool cloth".
compute mudroof=0.
if (hv215=21) mudroof=1.
var labels mudroof "mud brick roof".
compute mbsroof=0.
if (hv215=22) mbsroof=1.
var labels mbsroof "mud bricks with stone roof".
compute awzroof=0.
if (hv215=23) awzroof=1.
var labels awzroof "asbestos wood zinc roofs".
compute concroof=0.
if (hv215=31) concroof=1.
var labels concroof "Concrete roof".
execute.

*{Housing type}.
compute houseapt=0.
if (sh100=1) houseapt=1.
var labels houseapt "lives in Apartment".
compute housedar=0.
if (sh100=2) housedar=1.
var labels housedar "lives in Dar".
compute housevill=0.
if (sh100=3) housevill=1.
var labels housevill "lives in Villa".
compute househut=0.
if (sh100=4) househut=1.
var labels househut "lives in Hut/Barracks".

*{Cooking Fuel}.
compute cookelec=0.
if (hv226=1) cookelec=1.
var labels cookelec "Electricity for cooking".
compute cookgas=0.
if (hv226=2) cookgas=1.
var labels cookgas "Natural gas for cooking".
compute cookkero=0.
if (hv226=3) cookkero=1.
var labels cookkero "Kerosene for cooking".
compute cookcoal=0.
if (hv226=4) cookcoal=1.
var labels cookcoals "Coal, wood for cooking".
compute cookoth=0.
if (hv226=96) cookoth=1.
var labels cookoth "Other fuel for cooking".
execute.

*{Assets - electronics, etc. Reset missing values to "does not have"; code to 0}.
if (hv206<>1) hv206=0.
if (hv207<>1) hv207=0.
if (hv208<>1) hv208=0.
if (hv209<>1) hv209=0.
if (hv212<>1) hv212=0.
if (hv221<>1) hv221=0.
RECODE SH110D (SYSMIS=0) (1=1) (ELSE=0).
EXECUTE.

SAVE OUTFILE='C:\Users\Documents\WealthIndex\JO-2013-Calcs\JO-ASSETS.SAV' /COMPRESSED.

*******************************Frequencies.
FREQUENCIES VARIABLES=HV206 HV207 HV208 HV212 HV221 SH110_C SH110_F SH110_G SH110_H SH110_I SH110_J SH110_K SH110_L SH110_M SH110_N compspa SH110D carspa SH123A DOMESTIC HOUSE
        LAND memsleep bedsp mbspa h2oires h2oyrd h2ouspg h2orain h2otruck h2oblot flushs flushp
        flushe latvip latpits latpit latbash latshare dirtfloo woodfloo tilefloo cerfloo cemtfloo hairwall
        mudwall mstonwall awzwall cmtwall stonwall cscwall concwall natroof mudroof mbsroof awzroof
        concroof houseapt housedar housevill househut cookelec cookgas cookkero cookcoal cookoth
/ORDER=ANALYSIS.

*******************************
*** Factor Analysis to Test Distribution of created variables.
***note: jordan is unique - all of the variables are thought to operate the same in rural/urban settings.
***therefore this is the common factor analysis.
**removed houseapt housedar housevill househut.
FACTOR
/VARIABLES HV206 HV207 HV208 HV212 HV221 SH110_C SH110_F SH110_G SH110_H SH110_I SH110_J SH110_K SH110_L SH110_M SH110_N compspa SH110D carspa SH123A DOMESTIC HOUSE
        LAND memsleep bedsp mbspa h2oires h2oyrd h2ouspg h2orain h2otruck h2oblot flushs flushp
        flushe latvip latpits latpit latbash latshare dirtfloo woodfloo tilefloo cerfloo cemtfloo hairwall
        mudwall mstonwall awzwall cmtwall stonwall cscwall concwall natroof mudroof mbsroof awzroof
        concroof houseapt housedar housevill househut cookelec cookgas cookkero cookcoal cookoth
/ORDER=ANALYSIS.
natroof mudroof mbsroof awzroof
  concroof cookelec cookgas cookkero cookcoal cookoth
/MISSING MEAN
/ANALYSIS HV206 HV207 HV208 HV209 HV212 HV221 SH110_C SH110_F
SH110_G SH110_H SH110_I
  SH110_J SH110_K SH110_L SH110_M SH110_N compspa SH110D carspa
SH123A DOMESTIC HOUSE
  LAND memsleep bedspp mobspa h2oires h2oyrd h2ouspg h2orain
h2otruck h2obot flushs flushp
  flushe latvip latpits latpit latbush latshare dirtflool
woodflool tileflool cerflool centflool hairwall
mudwall mstonwall awzwall cmtwall stonwall cswall concwall
natroof mudroof mbsroof awzroof
  concroof cookelec cookgas cookkero cookcoal cookoth
/PRINT UNIVARIATE INITIAL EXTRACTION
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL COM)
/METHOD=CORRELATION.
execute.

**  Urban Areas.
USE ALL.
COMPUTE filter_$(HV025 = 1).
VARIABLE LABEL filter_$( 'HV025 = 1 (FILTER)').
VALUE LABELS filter_$( 0 'Not Selected' 1 'Selected' ).
FORMAT filter_$( f1.0 ).
FILTER BY filter_$(
EXECUTE .

WEIGHT
  OFF.

FACTOR
/VARIABLES HV206 HV207 HV208 HV209 HV212 HV221 SH110_C SH110_F
SH110_G SH110_H SH110_I
  SH110_J SH110_K SH110_L SH110_M SH110_N compspa SH110D carspa
SH123A DOMESTIC HOUSE
  LAND memsleep bedspp mobspa h2oires h2oyrd h2ouspg h2orain
h2otruck h2obot flushs flushp
  flushe latvip latpits latpit latbush latshare dirtflool
woodflool tileflool cerflool centflool
mudwall mstonwall awzwall cmtwall stonwall cswall concwall
natroof mudroof mbsroof awzroof
  concroof cookelec cookgas cookkero cookcoal cookoth
/MISSING MEAN
/ANALYSIS HV206 HV207 HV208 HV209 HV212 HV221 SH110_C SH110_F
SH110_G SH110_H SH110_I
  SH110_J SH110_K SH110_L SH110_M SH110_N compspa SH110D carspa
SH123A DOMESTIC HOUSE
** Rural Area.
USE ALL.
COMPUTE filter_$(HV025 = 2).
VARIABLE LABEL filter_$(HV025 = 2) 'FILTER'.
VALUE LABELS filter_$(0 'Not Selected' 1 'Selected').
FORMAT filter_$(f1.0).
FILTER BY filter_$(.
EXECUTE .

FACTOR
/VARIABLES HV206 HV207 HV208 HV209 HV212 HV221 SH110_C SH110_F
SH110_G SH110_H SH110_I
   SH110_J SH110_K SH110_L SH110_M SH110_N compspa SH110D carspa
SH123A HOUSE
   LAND memsleep bedspap mobspa h2oires h2oyrd h2ouspg h2orain
h2otruck h2obot flushs flushp
   latvip latpits latbush latshare dirtfloo woodfloo tilefloo cerfloo centfloo
   hairwall mudwall mstonwall awzwall cmtwall stonwall cscwall concwall
   natroof mudroof mbsroof awzroof
   concroof cookelec cookgas cookkero cookcoal cookoth
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NORotate
/SAVE REG(ALL URB)
/METHOD=CORRELATION.
execute.
* Calculate regressions with total score.  
** Urban Area.  
USE ALL.  
COMPUTE filter_$=(HV025 = 1).  
VARIABLE LABEL filter_$ 'HV025 = 1 (FILTER)'.  
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.  
FORMAT filter_$ (f1.0).  
FILTER BY filter_$.
EXECUTE .

REGRESSION  
/MISSING LISTWISE  
/STATISTICS COEFF OUTS R ANOVA  
/Criteria=PIN(.05) POUT(.10)  
/NOORIGIN  
/DEPENDENT COM1  
/METHOD=ENTER URB1  .

** Rural Area.  
USE ALL.  
COMPUTE filter_$=(HV025 = 2).  
VARIABLE LABEL filter_$ 'HV025 = 2 (FILTER)'.  
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.  
FORMAT filter_$ (f1.0).  
FILTER BY filter_$.
EXECUTE .

REGRESSION  
/MISSING LISTWISE  
/STATISTICS COEFF OUTS R ANOVA  
/Criteria=PIN(.05) POUT(.10)  
/NOORIGIN  
/DEPENDENT COM1  
/METHOD=ENTER RUR1  .

FILTER OFF.  
USE ALL.  
EXECUTE .

*** Calculate combined wealth score from Urban and Rural Scores.  
compute combscor=0.
print formats combscor (F11.5).
** Urban.
if (HV025 = 1) combscor=.132+1.026* URB1.
** Rural.
if (HV025 = 2) combscor=(-0.318)+0.818* RUR1.
execute.

*hhwt - does NOT consider hh members.
compute hhwt=HV005/1000000.
VARIABLE LABELS hhwt 'HH weights' .

*Tabulation for histograms.
weight by hhwt.
filter off.
use all.
FREQUENCIES
  VARIABLES=combscor  /FORMAT=NOTABLE
   /NTILES= 5
   /STATISTICS=STDDEV MEAN
   /HISTOGRAM NORMAL
   /ORDER= ANALYSIS.

*Calculate quintiles and scores for data file.
compute hhmemwt=HV005*hv012/1000000.
weight by hhmemwt.
VARIABLE LABELS hhmemwt 'HH members weighting for Index' .

** Urban Area.
USE ALL.
COMPUTE filter_$=(HV025 = 1).
VARIABLE LABEL filter_$ 'HV025 = 1 (FILTER)'.
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
RANK
  VARIABLES=urb1  (A) /RANK /NTILES (5) /PRINT=YES
   /TIES=MEAN.

** Rural Area.
USE ALL.
COMPUTE filter_$=(HV025 = 2).
VARIABLE LABEL filter_$ 'HV025 = 2 (FILTER)'.
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
RANK
  VARIABLES=rur1  (A) /RANK /NTILES (5) /PRINT=YES
/TIES=MEAN .

** National combined score.
FILTER OFF.
USE ALL.
EXECUTE .

RANK
  VARIABLES=combscor (A) /RANK /NTILES (5) /PRINT=YES
  /TIES=MEAN .

FREQUENCIES
  VARIABLES=combscor /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW
  KURTOSIS SEKURT
  /ORDER= ANALYSIS .

frequncies variables=ncombsco.

weight by hhwt.

MEANS TABLES=HV206 HV207 HV208 HV209 HV212 SH110_C SH110_F
  SH110_G SH110_H SH110_I
  SH110_J SH110_K SH110_L SH110_M SH110_N compspa SH110D carspa
  SH123A DOMESTIC HOUSE
  LAND memsleep bedssp mobspa h2oires h2oyrd h2ouspg h2orain
  h2otruck h2obot flushp flushp
  flushe latvip latpits latpit latbush dirtfloo woodfloo tilefloo cerfloo cementfloo hairwall
  mudwall mstonwall awzwall cmtwall stonwall cscwall concwall
  natroof mudroof mbsroof awzroof
  concroof houseapt housedar housevill househut cookelec
  cookgas cookkero cookcoal cookoth
  by Ncombsco
  /CELLS MEAN COUNT STDDEV.

compute hv271=combscor.
compute hv270=ncombsco.

save outfile="C:\Users\Documents\WealthIndex\JO-2013-
  Calcs\JO12scores.sav".

WEIGHT
  OFF.

write formats combscor (f11.5).
WRITE OUTFILE='C:\USERS\DOCUMENTS\WEALTHINDEX\JO-2013-CALCS\JO12scores.dat'
   TABLE
         /hhid combscor ncombsco urb1 nurb1 rurl nrurl.
EXECUTE.

weight by hhwt.

GRAPH
   /HISTOGRAM(NORMAL)=combscor
   /TITLE= 'Distribution of Households by Wealth Scores Jordan'.

weight off.