

* 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	92-93
HV239	94-94
HV240	95-95
HV241	96-96
HV242	97-97
HV243A	98-98
HV243B	99-99
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

SHDISTRICT	158-159
SHSUB_DIST	160-160
SHLOCALITY	161-163
SHAREA	164-165
SHSUB_AREA	166-167
SHSTRATUM	168-168
SHQUEST	169-173
SHBLOCK	174-176
SHBUILDING	177-179
SHHOUSING	180-182
SHBADIA	183-183
SHBADIA_R	184-184
SHCAMPS	185-185
SH100	186-186
SH109B	187-187
SH110_C	188-188
SH110_F	189-189
SH110_G	190-190
SH110_H	191-191
SH110_I	192-192
SH110_J	193-193
SH110_K	194-194
SH110_L	195-195
SH110_M	196-196
SH110_N	197-197
SH110A	198-198
SH110B	199-199
SH110D	200-200
SH113A	201-201
SH116A	202-203
SH118	204-204
SH123A	205-205
SH149	206-207
SH150	208-209
SH151	210-210
SH152	211-211
SH153	212-212
SH154	213-213
SH155	214-214
SH156	215-215
SH157	216-216
SH158	217-217
SH159	218-218
SH160	219-219
SH161	220-220
SH162	221-221
DOMESTIC	222-222
HOUSE	223-223
LAND	224-224
NBADULTS	225-227

.
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"

/HV237I "Water usually treated by: CS"
 /HV237J "Water usually treated by: CS"
 /HV237K "Water usually treated by: CS"
 /HV237X "Water usually treated by: other"
 /HV237Z "Water usually treated by: don't know"
 /HV238 "Number of households sharing toilet"
 /HV239 "Food cooked on stove or open fire"
 /HV240 "Household has a chimney, hood or neither"
 /HV241 "Food cooked in the house/ separate building/
 outdoors"
 /HV242 "Household has separate room used as kitchen"
 /HV243A "Has mobile telephone"
 /HV243B "Has watch"
 /HV243C "Has animal-drawn cart"
 /HV243D "Has boat with a motor"
 /HV244 "Owns land usable for agriculture"
 /HV245 "Hectares of agricultural land (1 decimal)"
 /HV246 "Owns livestock, herds or farm animals"
 /HV246A "Owns cattle"
 /HV246B "Owns cows/ bulls"
 /HV246C "Owns horses/ donkeys/ mules"
 /HV246D "Owns goats"
 /HV246E "Owns sheep"
 /HV246F "Owns chickens"
 /HV246G "Owns CS"
 /HV246H "Owns CS"
 /HV246I "Owns CS"
 /HV246J "Owns CS"
 /HV246K "Owns CS"
 /HV247 "Has bank account"
 /HV252 "Frequency household members smoke inside the house"
 /HV253 "Has dwelling been sprayed against mosquitoes in last
 12 months"
 /HV253A "Dwelling sprayed by: government worker/program"
 /HV253B "Dwelling sprayed by: private company"
 /HV253C "Dwelling sprayed by: NGO"
 /HV253D "Dwelling sprayed by: CS"
 /HV253E "Dwelling sprayed by: CS"
 /HV253F "Dwelling sprayed by: CS"
 /HV253G "Dwelling sprayed by: CS"
 /HV253H "Dwelling sprayed by: CS"
 /HV253X "Dwelling sprayed by: other"
 /HV253Z "Dwelling sprayed by: don't know"
 /HV270 "Wealth index"
 /HV271 "Wealth index factor score (5 decimals)"
 /HML1 "Number of mosquito bed nets"
 /HML1A "Number of mosquito bed nets with specific
 information"
 /HML2 "Number of children under mosquito bed net previous
 night"
 /SHGOV "Governorate of residence"
 /SHDISTRICT "District"

/SHSUB_DIST "Sub-district"
 /SHLOCALITY "Locality"
 /SHAREA "Area"
 /SHSUB_AREA "Sub-area"
 /SHSTRATUM "Stratum"
 /SHQUEST "Questionnaire number"
 /SHBLOCK "Block number"
 /SHBUILDING "Building number"
 /SHHOUSING "Housing unit number"
 /SHBADIA "Badia"
 /SHBADIA_R "Badia (Report)"
 /SHCAMPS "Camps"
 /SH100 "Type of housing unit"
 /SH109B "Household ows bed or sofa bed"
 /SH110_C "Satellite"
 /SH110_F "Freezer"
 /SH110_G "Washing machine"
 /SH110_H "Dish washer"
 /SH110_I "Solar heater"
 /SH110_J "Air condtioner"
 /SH110_K "Fan"
 /SH110_L "Water cooler"
 /SH110_M "Microwave"
 /SH110_N "Digital camera"
 /SH110A "Number of computers"
 /SH110B "Number of mobiles"
 /SH110D "Internet accesss"
 /SH113A "Kitchen in separate room"
 /SH116A "Rooms in the house"
 /SH118 "Private car or pickup"
 /SH123A "Member has credit card"
 /SH149 "Line number of selected child 2-14"
 /SH150 "Line number of caretaker"
 /SH151 "Grounded the child"
 /SH152 "Explained wrong behavior"
 /SH153 "Shook the child"
 /SH154 "Shouted, yelled, or screamed"
 /SH155 "Gave the child something else to do"
 /SH156 "Spanked the child"
 /SH157 "Hit the child with a belt"
 /SH158 "Insulted the child"
 /SH159 "Hit the child on the head, face, or ears"
 /SH160 "Hit the child on the hand, arm or leg"
 /SH161 "Beat the child"
 /SH162 "Physical punishment is needed to raise a child"
 /DOMESTIC "domestic"
 /HOUSE "house"
 /LAND "land"
 /NBADULTS "Nbadults"

.
 MISSING VALUE
 HV201 (99)

/HV202 (99)
/HV204 (999)
/HV205 (99)
/HV206 (9)
/HV207 (9)
/HV208 (9)
/HV209 (9)
/HV210 (9)
/HV211 (9)
/HV212 (9)
/HV213 (99)
/HV214 (99)
/HV215 (99)
/HV216 (99)
/HV219 (9)
/HV220 (99)
/HV221 (9)
/HV225 (9)
/HV226 (99)
/HV227 (9)
/HV228 (9)
/HV230A (9)
/HV230B (9)
/HV232 (9)
/HV232B (9)
/HV232C (9)
/HV232D (9)
/HV232E (9)
/HV232Y (9)
/HV234 (999)
/HV234A (9)
/HV235 (9)
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/HV237 (9)
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/HV237I (9)
/HV237J (9)
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/HV237X (9)
/HV237Z (9)
/HV238 (99)
/HV239 (9)
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/HV241 (9)
/HV242 (9)

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/HV243B (9)
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/HV253E (9)
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/HV253G (9)
/HV253H (9)
/HV253X (9)
/HV253Z (9)
/HML1 (99)
/HML2 (99)
/SH100 (9)
/SH109B (9)
/SH110_C (9)
/SH110_F (9)
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/SH110B (9)
/SH110D (9)
/SH113A (9)
/SH116A (99)
/SH118 (9)
/SH123A (9)

/SH151 (9)
/SH152 (9)
/SH153 (9)
/SH154 (9)
/SH155 (9)
/SH156 (9)
/SH157 (9)
/SH158 (9)
/SH159 (9)
/SH160 (9)
/SH161 (9)
/SH162 (9)

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"

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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"

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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"

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    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

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    0 "None"
    95 "95 or more"
    98 "Unknown"
/HV246D
    0 "None"
    95 "95 or more"
    98 "Unknown"
/HV246E
    0 "None"
    95 "95 or more"
    98 "Unknown"
/HV246F
    0 "None"
    95 "95 or more"
    98 "Unknown"
/HV246G
    0 "None"
    95 "95 or more"
    98 "Unknown"
/HV246H
    0 "None"
    95 "95 or more"
    98 "Unknown"
/HV246I
    0 "None"
    95 "95 or more"
    98 "Unknown"
/HV246J
    0 "None"
    95 "95 or more"
    98 "Unknown"
/HV246K
    0 "None"
    95 "95 or more"
    98 "Unknown"
/HV247
    0 "No"
    1 "Yes"
/HV252
    0 "Never"
    1 "Daily"
    2 "Weekly"
    3 "Monthly"
    4 "Less than monthly"
/HV253
    0 "No"
    1 "Yes"
    8 "Don't know"
/HV253A
    0 "No"
    1 "Yes"
    8 "Don't know"
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/HV253B
  0 "No"
  1 "Yes"
  8 "Don't know"
/HV253C
  0 "No"
  1 "Yes"
  8 "Don't know"
/HV253D
  0 "No"
  1 "Yes"
  8 "Don't know"
/HV253E
  0 "No"
  1 "Yes"
  8 "Don't know"
/HV253F
  0 "No"
  1 "Yes"
  8 "Don't know"
/HV253G
  0 "No"
  1 "Yes"
  8 "Don't know"
/HV253H
  0 "No"
  1 "Yes"
  8 "Don't know"
/HV253X
  0 "No"
  1 "Yes"
  8 "Don't know"
/HV253Z
  0 "No"
  1 "Yes: don't know who sprayed the dwelling"
  8 "Don't know if it was sprayed"
/HV270
  1 "Poorest"
  2 "Poorer"
  3 "Middle"
  4 "Richer"
  5 "Richest"
/HML1
  98 "Don't know"
/SHGOV
  11 "Amman"
  12 "Balqa"
  13 "Zarqa"
  14 "Madaba"
  21 "Irbid"
  22 "Mafrq"
  23 "Jarash"

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24 "Ajlun"
 31 "Karak"
 32 "Tafiela"
 33 "Ma'an"
 34 "Aqaba"
 /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"

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/SH110_L
  0 "No"
  1 "Yes"
/SH110_M
  0 "No"
  1 "Yes"
/SH110_N
  0 "No"
  1 "Yes"
/SH110A
  7 "7+"
/SH110B
  7 "7+"
/SH110D
  7 "7+"
/SH113A
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  1 "Yes"
/SH118
  7 "7+"
/SH123A
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/SH150
  0 "Not available"
/SH151
  0 "No"
  1 "Yes"
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  0 "No"
  1 "Yes"
/SH153
  0 "No"
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/SH154
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/SH157
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  1 "Yes"
/SH158
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  1 "Yes"
/SH159
  0 "No"
  1 "Yes"
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/SH160
  0 "No"
  1 "Yes"
/SH161
  0 "No"
  1 "Yes"
/SH162
  0 "No"
  1 "Yes"
  8 "Don't know"
.
EXECUTE.

*****CONSTRUCT VARIABLES*****.

*{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.

```

```

var labels latbush "No facility/bush/field".

*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 cookcoal "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 bedspc mobspa h2oires h2oyrd h2ouspg h2orain
h2otruck h2obot flushs flushp
flushes latvip latpits latpit latbush latshare dirtfloo
woodfloo tilefloo cerfloo centfloo 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 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 bedspc mobspa h2oires h2oyrd h2ouspg h2orain
h2otruck h2obot flushs flushp
flushes latvip latpits latpit 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
/MISSING MEANSUB
/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 dirtfloo
woodfloo tilefloo cerfloo cemtfloo hairwall
  mudwall mstonwall awzwall cmtwall stonwall cscwall 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 latshare dirtfloo woodfloo
tilefloo cerfloo cemtfloo
  mudwall mstonwall awzwall cmtwall stonwall cscwall concwall
mudroof mbsroof awzroof
  concroof cookelec cookgas cookkero cookcoal cookoth
/MISSING MEANSUB
/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
    flush latvip latpits latpit latshare dirtfloo woodfloo
tilefloo cerfloo cemtfloo
    mudwall mstonwall awzwall cmtwall stonwall cscwall concwall
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.

```

```

** 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 bedspp mobspa h2oires h2oyrd h2ouspg h2orain
h2otruck h2obot flushs flushp
    latvip latpits latbush latshare dirtfloo woodfloo tilefloo
cerfloo cemtfloo hairwall
    mudwall mstonwall awzwall cmtwall stonwall cscwall concwall
natroof mudroof mbsroof awzroof
    concroof cookelec cookgas cookkero cookcoal cookoth
/MISSING MEANSUB
/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 HOUSE
    LAND memsleep bedspp mobspa h2oires h2oyrd h2ouspg h2orain
h2otruck h2obot flushs flushp
    latvip latpits latbush latshare dirtfloo woodfloo tilefloo
cerfloo cemtfloo 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 RUR)
/METHOD=CORRELATION.

* 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 comb scor=0.

```

```

print formats comb scor (F11.5).
** Urban.
if (HV025 = 1) comb scor=.132+1.026* URB1.
** Rural.
if (HV025 = 2) comb scor=(-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=comb scor /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MEAN
  /HISTOGRAM NORMAL
  /ORDER= ANALYSIS
.

*Calculate quintiles and scores for data file.
compute hmemwt=HV005*hv012/1000000.
weight by hmemwt.
VARIABLE LABELS hmemwt '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 .

frequencies variables=ncombsco.

weight by hhwt.

MEANS TABLES=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 bedspc mobspa h2oires h2oyrd h2ouspg h2orain
h2otruck h2obot flushs flushp
  flush latvip latpits latpit latbush latshare dirtfloo
woodfloo tilefloo cerfloo centfloo 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 rur1 nrur1.  
EXECUTE.
```

```
weight by hhwt.
```

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

```
weight off.
```