

DATA LIST FILE='c:\hnp2a\ukraine06\ASSETS.DAT' RECORDS=1

/

HHID	1-12	(A)
HV005	13-20	
HV012	21-22	
HV013	23-24	
HV201	25-26	
HV202	27-28	
HV204	29-31	
HV205	32-33	
HV206	34-34	
HV207	35-35	
HV208	36-36	
HV209	37-37	
HV210	38-38	
HV211	39-39	
HV212	40-40	
HV213	41-42	
HV214	43-44	
HV215	45-46	
HV216	47-48	
HV217	49-49	
HV218	50-51	
HV219	52-52	
HV220	53-54	
HV221	55-55	
HV225	56-56	
HV226	57-58	
HV227	59-59	
HV228	60-60	
HV234	61-63	
HV235	64-64	
HV236	65-65	
HV237	66-66	
HV237A	67-67	
HV237B	68-68	
HV237C	69-69	
HV237D	70-70	
HV237E	71-71	
HV237F	72-72	
HV237G	73-73	
HV237H	74-74	
HV237I	75-75	
HV237J	76-76	
HV237K	77-77	
HV237X	78-78	
HV237Z	79-79	
HV238	80-81	
HV239	82-82	
HV240	83-83	
HV241	84-84	
HV242	85-85	

HV243A	86-86
HV243B	87-87
HV243C	88-88
HV243D	89-89
HV244	90-90
HV245	91-92
HV246	93-93
HV246A	94-95
HV246B	96-97
HV246C	98-99
HV246D	100-101
HV246E	102-103
HV246F	104-105
HV246G	106-107
HV246H	108-109
HV246I	110-111
HV246J	112-113
HV246K	114-115
HV247	116-116
HV248	117-118
HV249	119-119
HV250	120-121
HV251	122-123
HV270	124-124
HV271	125-132
HML1	133-134
HML1A	135-135
HML2	136-137
SHQNUM	138-142
SHREGION	143-144
SHRAYON	145-147
SHQLANG	148-148
SHILANG	149-149
SHRLANG	150-150
SHTRANS	151-151
SH111G	152-152
SH111H	153-153
SH111I	154-154
SH111J	155-155
SH111K	156-156
SH111L	157-157
SH123	158-162
SH127	163-164
SH128	165-166
SH129	167-168
SH130	169-170
SH131	171-171
SH132	172-172
SH133	173-173
SH134	174-175
SH135A	176-177
SH135B	178-179

SH136	180-180
SH137	181-181
SH138	182-182
SH139A	183-183
SH139B	184-184
SH139C	185-185
SH139X	186-186
SH140A	187-187
SH140B	188-188
SH140C	189-189
SH140X	190-190
SH141	191-192
SH142	193-194
SH143	195-196
SH143AA	197-198
SH143AB	199-200
SH144A	201-202
SH144B	203-204
HV024	205-206
HV025	207-207
HV026	208-208
DOMESTIC	209-209
OWNLAND	210-210

VARIABLE LABELS

HHID	"Case Identification"
/HV005	"Sample weight"
/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"
/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	"Rooms used for sleeping"
/HV217	"Relationship structure"
/HV218	"Line number of head of househ."
/HV219	"Sex of head of household"
/HV220	"Age of head of household"
/HV221	"Has telephone"
/HV225	"Share toilet with other households"
/HV226	"Type of cooking fuel"
/HV227	"Have bednet for sleeping"

/HV228 "Children under 5 slept under bednet last night"  
 /HV234 "Test salt 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 / in separate building /  
 outdoors"  
 /HV242 "Household has separate room used as kitchen"  
 /HV243A "Has a mobile telephone"  
 /HV243B "Has a watch"  
 /HV243C "Has an animal-drawn cart"  
 /HV243D "Has a boat with a motor"  
 /HV244 "Own land usable for agriculture"  
 /HV245 "Hectares for agricultural land"  
 /HV246 "Livestock, herds or farm animals"  
 /HV246A "Cattle own"  
 /HV246B "Cows, bulls own"  
 /HV246C "Horses, donkeys, mules own"  
 /HV246D "Goats/sheep own"  
 /HV246E "Pigs own"  
 /HV246F "Chickens own"  
 /HV246G "CS own"  
 /HV246H "CS own"  
 /HV246I "CS own"  
 /HV246J "CS own"  
 /HV246K "CS own"  
 /HV247 "Owns a bank account"  
 /HV248 "Number of sick people 18-59"  
 /HV249 "Member of the HH died last 12 months"  
 /HV250 "Number of members who died last 12 months"  
 /HV251 "Number of orphans and vulnerable children"  
 /HV270 "Wealth index"  
 /HV271 "Wealth index factor score (5 decimals)"  
 /HML1 "Number of mosquito nets"  
 /HML1A "Number of mosquito nets with specific information"  
 /HML2 "Number of children under bednet previous night"

/SHQNUM "Questionnaire number"  
 /SHREGION "Region of residence"  
 /SHRAYON "Rayon"  
 /SHQLANG "Questionnaire language"  
 /SHILANG "Language of interview"  
 /SHRLANG "Native language of respondent"  
 /SHTRANS "Translator used"  
 /SH111G "DVD"  
 /SH111H "Air conditioner"  
 /SH111I "Sattelite dish antenn"  
 /SH111J "Computer"  
 /SH111K "Washing machine"  
 /SH111L "Sofa or bed"  
 /SH123 "Hectares (ARI) for agricultural land"  
 /SH127 "Number of usual HH members who worked abroad"  
 /SH128 "Number of former HH members who now works abroad"  
 /SH129 "m"  
 /SH130 "Number of current/former HH members who worked/works  
 abroad "  
 /SH131 "Heared of people who traveled abroad for work, but  
 were forc"  
 /SH132 "Knows people who traveled abroad for work, but were  
 forced t"  
 /SH133 "This situation happened to member of HH"  
 /SH134 "Number of HH members in this situation in the last 3  
 years"  
 /SH135A "Number of male HH members in this situation in the  
 last 3 ye"  
 /SH135B "Number of female HH members in this situation in the  
 last 3 "  
 /SH136 "Plans to go to work in the future"  
 /SH137 "Possibility of getting into situation when, while  
 working ab"  
 /SH138 "Level of risk of getting into this situation as oppose  
 to 3 "  
 /SH139A "Reason for thinking the risk is lower now as oppose to  
 3 yea"  
 /SH139B "Reason for thinking the risk is lower now as oppose to  
 3 yea"  
 /SH139C "Reason for thinking the risk is lower now as oppose to  
 3 yea"  
 /SH139X "Reason for thinking the risk is lower now as oppose to  
 3 yea"  
 /SH140A "Reason for thinking the risk is higher now as oppose  
 to 3 ye"  
 /SH140B "Reason for thinking the risk is higher now as oppose  
 to 3 ye"  
 /SH140C "Reason for thinking the risk is higher now as oppose  
 to 3 ye"  
 /SH140X "Reason for thinking the risk is higher now as oppose  
 to 3 ye"  
 /SH141 "Number of usual HH members died in the last 3 years"

/SH142 "Number of usual HH members who died in the last 3  
 years who "  
 /SH143 "Number of usual HH members who died in the last 3  
 years who "  
 /SH143AA "Number of these persons who died abroad"  
 /SH143AB "Number of these persons who died in Ukraine"  
 /SH144A "Number of these persons who were male"  
 /SH144B "Number of these persons who were female"  
 /HV024 "Region"  
 /HV025 "Type of place of residence"  
 /HV026 "Place of residence"  
 /DOMESTIC "If HH has a domestic worker not related to head"  
 /OWNLAND "If household works own or family's agric. land"

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)  
 /HV234 (999)  
 /HV235 (9)  
 /HV236 (9)  
 /HV237 (9)  
 /HV237A (9)  
 /HV237B (9)  
 /HV237C (9)  
 /HV237D (9)  
 /HV237E (9)  
 /HV237F (9)  
 /HV237G (9)  
 /HV237H (9)  
 /HV237I (9)  
 /HV237J (9)  
 /HV237K (9)

/HV237X (9)  
/HV237Z (9)  
/HV238 (99)  
/HV239 (9)  
/HV240 (9)  
/HV241 (9)  
/HV242 (9)  
/HV243A (9)  
/HV243B (9)  
/HV243C (9)  
/HV243D (9)  
/HV244 (9)  
/HV245 (99)  
/HV246 (9)  
/HV246A (99)  
/HV246B (99)  
/HV246C (99)  
/HV246D (99)  
/HV246E (99)  
/HV246F (99)  
/HV246G (99)  
/HV246H (99)  
/HV246I (99)  
/HV246J (99)  
/HV246K (99)  
/HV247 (9)  
/HML1 (99)  
/HML2 (99)  
/SHQLANG (9)  
/SHILANG (9)  
/SHRLANG (9)  
/SHTRANS (9)  
/SH111G (9)  
/SH111H (9)  
/SH111I (9)  
/SH111J (9)  
/SH111K (9)  
/SH111L (9)  
/SH123 (99999)  
/SH127 (99)  
/SH128 (99)  
/SH129 (99)  
/SH130 (99)  
/SH131 (9)  
/SH132 (9)  
/SH133 (9)  
/SH134 (99)  
/SH135A (99)  
/SH135B (99)  
/SH136 (9)  
/SH137 (9)  
/SH138 (9)

/SH139A (9)  
/SH139B (9)  
/SH139C (9)  
/SH139X (9)  
/SH140A (9)  
/SH140B (9)  
/SH140C (9)  
/SH140X (9)  
/SH141 (99)  
/SH142 (99)  
/SH143 (99)  
/SH143AA (99)  
/SH143AB (99)  
/SH144A (99)  
/SH144B (99)  
/HV026 (9)

.  
VALUE LABELS

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"  
 /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"  
 15 "Flush - don't know where"  
 20 "PIT TOILET LATRINE"  
 22 "Pit latrine - with slab"  
 23 "Pit latrine - without slab / open pit"  
 30 "NO FACILITY"  
 31 "No facility"  
 41 "Composting toilet"  
 42 "Bucket toilet"  
 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, sand"  
 12 "Dung"  
 20 "RUDIMENTARY"  
 21 "Wood planks"  
 30 "FINISHED"  
 31 "Parquet, polished wood"  
 32 "Vinyl, asphalt strips"  
 33 "Ceramic tiles"

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34 "Cement "
35 "Carpet "
36 "Laminate"
37 "Linoleum"
96 "OTHER "
/HV214
10 "NATURAL"
11 "No walls"
13 "Dirt "
20 "RUDIMENTARY"
22 "Stone with mud"
23 "Uncovered adobe"
24 "Plywood"
25 "Cardboard"
26 "Reused wood"
30 "FINISHED"
31 "Cement"
32 "Stone/ shells/ concrete"
33 "Bricks"
34 "Cement blocks"
35 "Covered adobe"
36 "Wood"
37 "Cinderblock"
96 "OTHER "
/HV215
10 "NATURAL"
11 "No roof"
12 "Thatch / cane"
13 "Sod"
20 "RUDIMENTARY"
21 "Rustic mat"
23 "Plywood"
30 "FINISHED"
31 "Metal"
32 "Wood"
33 "Calamine / cement fiber"
34 "Ceramic tiles"
35 "Cement"
36 "Roofing shingles"
96 "OTHER "
/HV217
0 "No adults"
1 "One adult"
2 "Two adults, opp. sex"
3 "Two adults, same sex"
4 "Three+ related adult"
5 "Unrelated adults"
/HV219
1 "Male"
2 "Female"
/HV220
97 "97+"

```

98 "DK"  
 /HV221  
 0 "No"  
 1 "Yes"  
 /HV225  
 0 "No"  
 1 "Yes"  
 /HV226  
 1 "Electricity"  
 2 "LPG"  
 3 "Natural gas"  
 4 "Biogas"  
 5 "Kerosene"  
 6 "Coal, lignite"  
 7 "Charcoal"  
 8 "Wood"  
 9 "Straw / shrubs / grass"  
 10 "Agricultural crop"  
 11 "Animal dung"  
 95 "No food cooked in HH"  
 96 "Other"  
 /HV227  
 0 "No"  
 1 "Yes"  
 /HV228  
 0 "No"  
 1 "All children"  
 2 "Some children"  
 3 "No bednet in HH"  
 /HV234  
 0 "0 PPM (No Iodine)"  
 7 "7 PPM"  
 15 "15 PPM"  
 30 "30 PPM"  
 994 "Salt not tested"  
 995 "No salt in household"  
 /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"  
 /HV237B  
 0 "No"  
 1 "Yes"  
 /HV237C  
 0 "No"  
 1 "Yes"  
 /HV237D  
 0 "No"  
 1 "Yes"  
 /HV237E  
 0 "No"  
 1 "Yes"  
 /HV237F  
 0 "No"  
 1 "Yes"  
 /HV237G  
 0 "No"  
 1 "Yes"  
 /HV237H  
 0 "No"  
 1 "Yes"  
 /HV237I  
 0 "No"  
 1 "Yes"  
 /HV237J  
 0 "No"  
 1 "Yes"  
 /HV237K  
 0 "No"  
 1 "Yes"  
 /HV237X  
 0 "No"  
 1 "Yes"  
 /HV237Z  
 0 "No"  
 1 "Yes"  
 /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
    95 "More than 95"
    98 "Unknown"
/HV246
    0 "No"
    1 "Yes"
/HV246A
    0 "None"
    95 "More than 95"
    98 "Unknown"
/HV246B
    0 "None"
    95 "More than 95"
    98 "Unknown"
/HV246C
    0 "None"
    95 "More than 95"
    98 "Unknown"
/HV246D
    0 "None"
    95 "More than 95"
    98 "Unknown"
/HV246E
    0 "None"
    95 "More than 95"
    98 "Unknown"
/HV246F
    0 "None"
    95 "More than 95"
    98 "Unknown"
/HV246G
    0 "None"

```

95 "More than 95"  
 98 "Unknown"  
 /HV246H  
 0 "None"  
 95 "More than 95"  
 98 "Unknown"  
 /HV246I  
 0 "None"  
 95 "More than 95"  
 98 "Unknown"  
 /HV246J  
 0 "None"  
 95 "More than 95"  
 98 "Unknown"  
 /HV246K  
 0 "None"  
 95 "More than 95"  
 98 "Unknown"  
 /HV247  
 0 "No"  
 1 "Yes"  
 /HV249  
 0 "No"  
 1 "Yes"  
 8 "DK"  
 9 "Missing"  
 /HV250  
 8 "DK"  
 /HV270  
 1 "Poorest"  
 2 "Poorer"  
 3 "Middle"  
 4 "Richer"  
 5 "Richest"  
 /HML1  
 98 "Don't know"  
 /SHQLANG  
 1 "Ukrainian"  
 2 "Russian"  
 /SHILANG  
 1 "Ukrainian"  
 2 "Russian"  
 6 "Other"  
 /SHRLANG  
 1 "Ukrainian"  
 2 "Russian"  
 6 "Other"  
 /SHTRANS  
 0 "No"  
 1 "Yes"  
 /SH111G  
 0 "No"

1 "Yes "  
 /SH111H  
 0 "No "  
 1 "Yes "  
 /SH111I  
 0 "No "  
 1 "Yes "  
 /SH111J  
 0 "No "  
 1 "Yes "  
 /SH111K  
 0 "No "  
 1 "Yes "  
 /SH111L  
 0 "No "  
 1 "Yes "  
 /SH123  
 99998 "Unknown "  
 /SH127  
 0 "None "  
 /SH128  
 0 "None "  
 /SH129  
 0 "None "  
 /SH130  
 0 "None "  
 98 "DK "  
 /SH131  
 0 "No "  
 1 "Yes "  
 /SH132  
 0 "No "  
 1 "Yes "  
 /SH133  
 0 "No "  
 1 "Yes "  
 8 "DK "  
 /SH134  
 0 "None "  
 98 "DK "  
 /SH135A  
 0 "None "  
 /SH135B  
 0 "None "  
 /SH136  
 0 "No "  
 1 "Yes "  
 2 "Maybe "  
 /SH137  
 0 "No, there is no possibility that this would happen to me"  
 1 "Yes, a slight possibility that this would happen to me"  
 2 "Yes, a big possibility that this would happen to me"

8 "DK"  
/SH138  
1 "Higher"  
2 "Lower"  
3 "About the same"  
8 "DK/depends"  
/SH139A  
0 "No"  
1 "Yes"  
/SH139B  
0 "No"  
1 "Yes"  
/SH139C  
0 "No"  
1 "Yes"  
/SH139X  
0 "No"  
1 "Yes"  
/SH140A  
0 "No"  
1 "Yes"  
/SH140B  
0 "No"  
1 "Yes"  
/SH140C  
0 "No"  
1 "Yes"  
/SH140X  
0 "No"  
1 "Yes"  
/SH141  
0 "None"  
/SH142  
0 "None"  
/SH143  
0 "None"  
98 "DK"  
/SH143AA  
0 "None"  
/SH143AB  
0 "None"  
/SH144A  
0 "None"  
/SH144B  
0 "None"  
/HV024  
1 "North"  
2 "Central"  
3 "East"  
4 "South"  
5 "West"  
/HV025



```

    1 "Urban"
    2 "Rural"
/HV026
    0 "Capital, large city"
    1 "Small city"
    2 "Town"
    3 "Countryside"
/DOMESTIC
    0 "No domestic worker"
    1 "At least one domestic worker (female)"
/OWNLAND
    0 "Does not work own or family's agricultural land"
    1 "Works own or family's land"
.

```

```

*{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'.

```

```

*{Drinking water supply}.
compute h2oires=0.
    if (hv201=11) h2oires=1.
    var labels h2oires "Piped into dwelling".
compute h2oyrdr=0.
    if (hv201=12) h2oyrdr=1.
    var labels h2oyrdr "Piped into yard/plot".
compute h2opub=0.
    if (hv201=13) h2opub=1.
    var labels h2opub "Public tap/standpipe".
compute h2otube=0.
    if (hv201=21) h2otube=1.
    var labels h2otube "Tube well/Borehole".
compute h2pbwell=0.
    if (hv201=31) h2pbwell=1.
    var labels h2pbwell "Protected well".
compute h2powell=0.
    if (hv201=32) h2powell=1.
    var labels h2powell "Unprotected well".
compute h2pspng=0.
    if (hv201=41) h2pspng=1.
    var labels h2pspng "Protected spring".
compute h2uspng=0.
    if (hv201=42) h2uspng=1.
    var labels h2uspng "Unprotected spring".

```

```

compute h2osurf=0.
  if (hv201=43) h2osurf=1.
  var labels h2osurf "Surface water-river, lake, etc.".
compute h2orain=0.
  if (hv201=51) h2orain=1.
  var labels h2orain "Water from rain".
compute h2otrk=0.
  if (hv201=61) h2otrk=1.
  var labels h2otrk "Tanker truck".
compute h2ocrt=0.
  if (hv201=62) h2ocrt=1.
  var labels h2ocrt "Cart with small tank".
compute h2obtl=0.
  if (hv201=71) h2obtl=1.
  var labels h2obtl "Bottled water".
compute h2ooth=0.
  if (hv201=96) h2ooth=1.
  var labels h2ooth "Other water source".

*{Toilet facility}.
compute flush1=0.
  if (hv205=11) flush1=1.
  var labels flush1 "Flush toilet to public sewer".
compute flush2=0.
  if (hv205=12) flush2=1.
  var labels flush2 "Flush toilet to septic tank".
compute flush3=0.
  if (hv205=13) flush3=1.
  var labels flush3 "Flush toilet to pit".
compute flush4=0.
  if (hv205=14) flush4=1.
  var labels flush4 "Flush toilet to other".
compute flush5=0.
  if (hv205=15) flush5=1.
  var labels flush5 "Flush toilet to unknown".
compute latpit1=0.
  if (hv205=22) latpit1=1.
  var labels latpit1 "Slab pit latrine".
compute latpit2=0.
  if (hv205=23) latpit2=1.
  var labels latpit2 "No slab pit latrine".
compute latbush=0.
  if (hv205=31) latbush=1.
  var labels latbush "No facility/bush/field".
compute latcomp=0.
  if (hv205=41) latcomp=1.
  var labels latcomp "Composting toilet".
compute latpail=0.
  if (hv205=42) latpail=1.
  var labels latpail "Bucket toilet".
compute latoth=0.
  if (hv205=96) latoth=1.

```

```

var labels latoth "Other type toilet/latrine".

compute flushshr=0.
  if (hv205>=11 and hv205<=15 and hv225=1) flushshr=1.
  var labels flushshr "Shared Flush toilet".
compute latpit1s=0.
  if (hv205=22 and hv225=1) latpit1s=1.
  var labels latpit1s "Shared slab latrine".
compute latpit2s=0.
  if (hv205=23 and hv225=1) latpit2s=1.
  var labels latpit2s "Shared no slab latrine".
compute latoths=0.
  if (hv205>=41 and hv205<=96and hv225=1) latoths=1.
  var labels latoths "Shared composting/bucket/hanging/other
toilet".

*{Flooring}.
compute dirtfloo=0.
  if (hv213=11 or hv213=12) dirtfloo=1.
  var labels dirtfloo "Dirt or dung floor".
compute woodfloo=0.
  if (hv213=21) woodfloo=1.
  var labels woodfloo "Rudimentary wood plank floor".
compute prqfloo=0.
  if (hv213=31) prqfloo=1.
  var labels prqfloo "Parquet, polished wood floor".
compute vinfloo=0.
  if (hv213=32) vinfloo=1.
  var labels vinfloo "Vinyl, asphalt strip floor".
compute tilefloo=0.
  if (hv213=33) tilefloo=1.
  var labels tilefloo "Ceramic tile floor".
compute cementfloo=0.
  if (hv213=34) cementfloo=1.
  var labels cementfloo "Cement floor".
compute rugfloo=0.
  if (hv213=35) rugfloo=1.
  var labels rugfloo "Carpeted floor".
compute lamfloo=0.
  if (hv213=36) lamfloo=1.
  var labels lamfloo "Laminate floor".
compute linfloo=0.
  if (hv213=37) linfloo=1.
  var labels linfloo "Linoleum floor".
compute othfloo=0.
  if (hv213=96) othfloo=1.
  var labels othfloo "Other type of flooring".

*{Walls}.

```

```

compute nowall=0.
  if (hv214=11) nowall=1.
  var labels nowall "Dwelling has no walls".
compute mudwall=0.
  if (hv214=13) mudwall=1.
  var labels mudwall "Dirt walls".
compute stmwall=0.
  if (hv214=22) stmwall=1.
  var labels stmwall "Stone with mud walls".
compute adbwall=0.
  if (hv214=23) adbwall=1.
  var labels adbwall "Uncovered adobe walls".
compute plywall=0.
  if (hv214=24) plywall=1.
  var labels plywall "Plywood walls".
compute cardwall=0.
  if (hv214=25) cardwall=1.
  var labels cardwall "Cardboard walls".
compute rwwall=0.
  if (hv214=26) rwwall=1.
  var labels rwwall "Reused wood walls".
compute cmtwall=0.
  if (hv214=31) cmtwall=1.
  var labels cmtwall "Cement walls".
compute stcwall=0.
  if (hv214=32) stcwall=1.
  var labels stcwall "Stone/shells/concrete walls".
compute brkwall=0.
  if (hv214=33) brkwall=1.
  var labels brkwall "Brick walls".
compute cmtbwall=0.
  if (hv214=34) cmtbwall=1.
  var labels cmtbwall "Cement block walls".
compute cadbwall=0.
  if (hv214=35) cadbwall=1.
  var labels cadbwall "Covered adobe walls".
compute shngwall=0.
  if (hv214=36) shngwall=1.
  var labels shngwall "Wood walls".
compute cinbwall=0.
  if (hv214=37) cinbwall=1.
  var labels cinbwall "Cinder block walls".
compute othwall=0.
  if (hv214=96) othwall=1.
  var labels othwall "Other type of walls".

*{Roofing}.
compute noroof=0.
  if (hv215=11) noroof=1.
  var labels noroof "Dwelling has no roof".

```

```

compute natroof=0.
  if (hv215=12) natroof=1.
  var labels natroof "Thatch/straw roof".
compute sodroof=0.
  if (hv215=13) sodroof=1.
  var labels sodroof "Sod roof".
compute matroof=0.
  if (hv215=21) matroof=1.
  var labels matroof "Rustic mat roof".
compute plyroof=0.
  if (hv215=23) plyroof=1.
  var labels plyroof "Plywood roof".
compute mtlroof=0.
  if (hv215=31) mtlroof=1.
  var labels mtlroof "Metal roof".
compute woodroof=0.
  if (hv215=32) woodroof=1.
  var labels woodroof "Wood roof".
compute cmtfroof=0.
  if (hv215=33) cmtfroof=1.
  var labels cmtfroof "Calamine/cement fiber roof".
compute tileroof=0.
  if (hv215=34) tileroof=1.
  var labels tileroof "Ceramic tile roof".
compute cmtrroof=0.
  if (hv215=35) cmtrroof=1.
  var labels cmtrroof "Cement roof".
compute shngroof=0.
  if (hv215=36) shngroof=1.
  var labels shngroof "Shingles roof".
compute othroof=0.
  if (hv215=96) othroof=1.
  var labels othroof "Other type of roof".

*{Cooking Fuel}.
compute cookelec=0.
  if (hv226=1) cookelec=1.
  var labels cookelec "Electricity for cooking".
compute cookgas=0.
  if (hv226=2 or hv226=3) cookgas=1.
  var labels cookgas "LPG, natural gas for cooking".
compute cookbio=0.
  if (hv226=4) cookbio=1.
  var labels cookbio "Biogas for cooking".
compute cookkero=0.
  if (hv226=5) cookkero=1.
  var labels cookkero "Kerosene for cooking".
compute cookcoal=0.
  if (hv226=6) cookcoal=1.
  var labels cookcoal "Coal, lignite for cooking".
compute cookchar=0.
  if (hv226=7) cookchar=1.

```

```

    var labels cookchar "Charcoal for cooking".
compute cookwood=0.
    if (hv226=8) cookwood=1.
    var labels cookwood "Wood, straw for cooking".
compute strwood=0.
    if (hv226=9) strwood=1.
    var labels strwood "Straw/shrubs/grass for cooking".
compute cookcrop=0.
    if (hv226=10) cookcrop=1.
    var labels cookcrop "Agricultural crops for fuel for cooking".
compute cookdung=0.
    if (hv226=11) cookdung=1.
    var labels cookdung "Dung for cooking".
compute cooknot=0.
    if (hv226=95) cooknot=1.
    var labels cooknot "Does not cook".
compute cookoth=0.
    if (hv226=96) cookoth=1.
    var labels cookoth "Other fuel for cooking".

*{Type of stove for cooking}.

*{Reset missing values to "does not have"}.
if (missing(hv206)) hv206=0.
if (missing(hv207)) hv207=0.
if (missing(hv208)) hv208=0.
if (missing(hv209)) hv209=0.
if (missing(hv210)) hv210=0.
if (missing(hv211)) hv211=0.
if (missing(hv212)) hv212=0.
if (missing(hv221)) hv221=0.
if (missing(hv243a)) hv243a=0.
if (missing(hv243b)) hv243b=0.
if (missing(hv243c)) hv243c=0.
if (missing(hv243d)) hv243d=0.
if (missing(hv247)) hv247=0.

if (missing(hv244) or hv244=0) hv245=0.
if (hv245=98) hv245=99.

if (missing(hv246) or hv246=0) hv246a=0.
if (hv246a=98) hv246a=99.
if (missing(hv246) or hv246=0) hv246b=0.
if (hv246b=98) hv246b=99.
if (missing(hv246) or hv246=0) hv246c=0.
if (hv246c=98) hv246c=99.
if (missing(hv246) or hv246=0) hv246d=0.
if (hv246d=98) hv246d=99.
if (missing(hv246) or hv246=0) hv246e=0.
if (hv246e=98) hv246e=99.
if (missing(hv246) or hv246=0) hv246f=0.

```

```
if (hv246f=98) hv246f=99.
```

```
*{Solid waste/garbage collection}.
```

```
*{Reset missing values to "does not have"}.
```

```
if (missing(sh111g)) sh111g=0.
```

```
if (missing(sh111h)) sh111h=0.
```

```
if (missing(sh111i)) sh111i=0.
```

```
if (missing(sh111j)) sh111j=0.
```

```
if (missing(sh111k)) sh111k=0.
```

```
if (missing(sh111l)) sh111l=0.
```

```
execute.
```

```
FREQUENCIES
```

```
VARIABLES=hv201 hv204 hv205 hv206 hv207 hv208 hv209 hv210 hv211  
hv212 hv213
```

```
hv214 hv215 hv221 hv225 hv226 hv243a hv243b hv243c hv243d hv244  
hv246 hv247
```

```
sh111g sh111h sh111i sh111j sh111k sh111l
```

```
/ORDER= ANALYSIS .
```

```
FREQUENCIES
```

```
VARIABLES=DOMESTIC OWNLAND memsleep h2oires h2oyrdr h2opub  
h2otube h2pbwell
```

```
h2powell h2pspng h2uspng h2osurf h2orain h2otrk h2ocrt h2obt1  
h2ooth flush1
```

```
flush2 flush3 flush4 flush5 latpit1 latpit2 latbush latcomp  
latpail latoth
```

```
flushshr latpit1s latpit2s latoths dirtfloo woodfloo prqfloo  
vinfloo
```

```
tilefloo cemtfloo rugfloo lamfloo linfloo othfloo nowall  
mudwall stwall
```

```
adbwall plywall cardwall rwwall cmtwall stcwall brkwall  
cmtbwall cadbwall
```

```
shngwall cinbwall othwall noroof natroof sodroof matroof  
plyroof mtlroof
```

```
woodroof cmtfroof tileroof cmtroof shngroof othroof cookelec  
cookgas cookbio
```

```
cookkero cookcoal cookchar cookwood strwood cookcrop cookdung  
cooknot
```

```
cookoth
```

```
/ORDER= ANALYSIS .
```

```
* Change time to water supply to 0 if on premises.
```

```
if (hv204=996) hv204=0.
```

```
FACTOR
```

```
/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
```

```

HV243A HV243C
  HV243D HV247 SH111G SH111H SH111I SH111J SH111K SH111L OWNLAND
memsleep
  h2oires h2oyrdr h2opub h2otube h2pbwell h2powell h2pspng
h2uspng h2osurf
  h2orain h2otrk h2obt1 h2ooth flush1 flush2 flush3 flush4 flush5
  latpit1 latpit2 latbush latcomp latpail latoth flushshr
latpit1s latpit2s
  latoths dirtfloo woodfloo prqfloo vinfloo tilefloo centfloo
rugfloo lamfloo
  linfloo othfloo mudwall stnwall adbwall plywall rwwall
  cmtwall stcwall brkwall cmtbwall cadbwall shngwall cinbwall
othwall
  natroof matroof plyroof mtlroof woodroof cmtfroof tilerroof
cmtroof
  shngroof othroof cookelec cookgas cookbio cookkero cookcoal
cookchar
  cookwood cooknot cookoth /MISSING LISTWISE
/ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221 HV243A
HV243C
  HV243D HV247 SH111G SH111H SH111I SH111J SH111K SH111L OWNLAND
memsleep
  h2oires h2oyrdr h2opub h2otube h2pbwell h2powell h2pspng
h2uspng h2osurf
  h2orain h2otrk h2obt1 h2ooth flush1 flush2 flush3 flush4 flush5
  latpit1 latpit2 latbush latcomp latpail latoth flushshr
latpit1s latpit2s
  latoths dirtfloo woodfloo prqfloo vinfloo tilefloo centfloo
rugfloo lamfloo
  linfloo othfloo mudwall stnwall adbwall plywall rwwall
  cmtwall stcwall brkwall cmtbwall cadbwall shngwall cinbwall
othwall
  natroof matroof plyroof mtlroof woodroof cmtfroof tilerroof
cmtroof
  shngroof othroof cookelec cookgas cookbio cookkero cookcoal
cookchar
  cookwood cooknot cookoth
  /PRINT UNIVARIATE INITIAL CORRELATION SIG EXTRACTION FSCORE
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL)
  /METHOD=CORRELATION .

compute hmemwt=hv012*hv005/1000000.
weight by hmemwt.
VARIABLE LABELS hmemwt 'HH members weighting for Index' .

RANK
  VARIABLES=fac1_1 (A) /RANK /NTILES (5) /PRINT=YES
  /TIES=MEAN .

```



```

*FREQUENCIES
  VARIABLES=fac1_1 /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS
  SESKEW
  KURTOSIS SEKURT
  /ORDER= ANALYSIS .

frequencies variables=nfac1_1.

compute hhwt=hv005/1000000.
weight by hhwt.
VARIABLE LABELS hhwt 'HH weights' .
MEANS
  TABLES=HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221 HV243A
  HV243C
  HV243D HV247 SH111G SH111H SH111I SH111J SH111K SH111L OWNLAND
  memsleep
  h2oires h2oyrdr h2opub h2otube h2pbwell h2powell h2pspng
  h2uspng h2osurf
  h2orain h2otrk h2obt1 h2ooth flush1 flush2 flush3 flush4 flush5
  latpit1 latpit2 latbush latcomp latpail latoth flushshr
  latpit1s latpit2s
  latoths dirtfloo woodfloo prqfloo vinfloo tilefloo cemtloo
  rugfloo lamfloo
  linfloo othfloo mudwall stwall adbwall plywall rwwall
  cmtwall stcwall brkwall cmtbwall cadbwall shngwall cinbwall
  othwall
  natroof matroof plyroof mtlroof woodroof cmtfroof tilerroof
  cmtroof
  shngroof othroof cookelec cookgas cookbio cookkero cookcoal
  cookchar
  cookwood cooknot cookoth
  by nfac1_1
  /CELLS MEAN COUNT STDDEV .

compute hv271=fac1_1.
compute hv270=nfac1_1.

save outfile="c:\hnp2a\ukraine06\assets.sav".

WEIGHT
  OFF.
FREQUENCIES
  VARIABLES=hv271
  /ORDER= ANALYSIS .

GRAPH
  /HISTOGRAM(NORMAL)=fac1_1
  /TITLE= 'Distribution of Households by Wealth Scores' 'Ukraine
  2006'.
FREQUENCIES

```

```
VARIABLES=fac1_1 /FORMAT=NOTABLE
/NTILES= 5
/STATISTICS=STDDEV MINIMUM MAXIMUM SEMEAN MEAN MEDIAN MODE
SKEWNESS SESKEW
KURTOSIS SEKURT
/ORDER= ANALYSIS .

WRITE OUTFILE='C:\hnp2a\ukraine06\scores.dat'
TABLE
/hhid hv270 fac1_1.
EXECUTE.
→
```