

DATA LIST FILE='c:\hnp2\kazak99\ASSETS.DAT' RECORDS=1

/

HHID	1-12	(A)
HV005	13-20	
HV012	21-22	
HV013	23-24	
HV201	25-26	
HV202	27-28	
HV203	29-29	
HV204	30-32	
HV205	33-34	
HV206	35-35	
HV207	36-36	
HV208	37-37	
HV209	38-38	
HV210	39-39	
HV211	40-40	
HV212	41-41	
HV213	42-43	
HV214	44-45	
HV215	46-47	
HV216	48-49	
HV217	50-50	
HV218	51-52	
HV219	53-53	
HV220	54-55	
HV221	56-56	
HV222	57-58	
SHELIGM	59-59	
SHWAAT	60-60	
SHMAT	61-61	
SH24	62-62	
SH26	63-64	
SH33	65-65	
SH34A	66-66	
SH34B	67-67	
SH34C	68-68	
SH34D	69-69	
SH34E	70-70	
SH35	71-71	
SH36	72-72	
SH37	73-73	
HV024	74-75	
HV025	76-76	
HV026	77-77	
DOMESTIC	78-78	
OWNLAND	79-79	

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-NA"  
 /HV203 "Same source of water -NA"  
 /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"  
 /HV212 "Has car"  
 /HV213 "Main floor material"  
 /HV214 "Main wall material -NA"  
 /HV215 "Main roof material -NA"  
 /HV216 "Rooms for sleeping -NA"  
 /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"  
 /HV222 "Type of salt used for cooking"  
 /SHELIGM "Is household eligible for male interview"  
 /SHWAAT "Is hh eligible for women's anthropometry and anemia  
 testing"  
 /SHMAT "Is hh eligible for men's anemia testing"  
 /SH24 "Share toilet with other households"  
 /SH26 "Type of Fuel"  
 /SH33 "Place for hand washing"  
 /SH34A "Observation: water/tap available in hh"  
 /SH34B "Observation: soap/ash available in hh"  
 /SH34C "Observation: basin available in hh"  
 /SH34D "Type of package of salt"  
 /SH34E "Salt iodized or not iodized"  
 /SH35 "Type of salt used for cooking"  
 /SH36 "HH owns a dacha"  
 /SH37 "HH owns animals"  
 /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)  
 /HV203 (9)  
 /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)  
 /HV222 (99)  
 /SH24 (9)  
 /SH26 (99)  
 /SH33 (9)  
 /SH34A (9)  
 /SH34B (9)  
 /SH34C (9)  
 /SH34D (9)  
 /SH34E (9)  
 /SH35 (9)  
 /SH36 (9)  
 /SH37 (9)  
 /HV026 (9)

.  
 VALUE LABELS

HV201  
   11 "Piped into dwelling"  
   12 "Piped into yard/plot"  
   13 "Public Tap"  
   21 "Open well in dwelling"  
   22 "Open well in yard/plot"  
   23 "Open public well"  
   24 "Open water"  
   51 "Tanker truck"  
   61 "Bottled water"  
   96 "Other"  
 /HV204  
   996 "On premises"  
 /HV205  
   10 "FLUSH TOILET"  
   11 "Flush toilet"  
   20 "PIT TOILET LATRINE"  
   21 "Pit toilet/latrine"  
   30 "NO FACILITY"  
   31 "No facility"  
   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"
    20 "RUDIMENTARY"
    30 "FINISHED"
    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"
/HV222
    0 "No salt available"
    1 "Local salt"
    2 "Pkgd salt-iodized"
    3 "Pkgd salt-noniodized"
    4 "Salt for animals"
    5 "Loose salt"
    96 "Other"
/SHELIGM
    0 "No"
    1 "Yes"
/SHWAAT
    0 "No"
    1 "Yes"

```

```

/SHMAT
  0 "No"
  1 "Yes"
/SH24
  0 "No"
  1 "Yes"
/SH26
  1 "Electricity"
  2 "LPG/Natural Gas"
  3 "Biogas"
  4 "Kerosene"
  5 "Coal/Lignite"
  6 "Charcoal"
  7 "Firewood/Straw"
  8 "Tezek"
  96 "Other"
/SH33
  0 "No"
  1 "Yes"
/SH34A
  0 "No"
  1 "Yes"
/SH34B
  0 "No"
  1 "Yes"
/SH34C
  0 "No"
  1 "Yes"
/SH34D
  1 "Plastic"
  2 "Paper"
  3 "No Package"
  4 "No solt at home"
/SH34E
  1 "Iodized"
  2 "Not iodized"
  3 "No sign"
/SH35
  1 "0 PPM (No Iodine)"
  2 "7 PPM"
  3 "15 PPM"
  4 "30 PPM"
  5 "75 PPM"
/SH36
  0 "No"
  1 "Yes"
  6 "Other"
/SH37
  0 "No"
  1 "Yes"
  6 "Other"
/HV024

```

```

    1 "Almaty city"
    2 "South region"
    3 "West region"
    4 "Central region"
    5 "North region"
    6 "East region"
/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"
.

* {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(SH36) OR SH36=6) SH36=0.
IF (MISSING(SH37) OR SH37=6) SH37=0.

* {Construct Variables} .

* {Drinking water supply} .
compute h2oires=0.
if (hv201=11) h2oires=1.
compute h2oores=0.
if (hv201=12) h2oores=1.
compute h2opiPUB=0.
if (hv201=13) h2opiPUB=1.
compute h2oOwres=0.
if (hv201=21) h2oOwres=1.
compute h2oOwyrd=0.
if (hv201=22) h2oOwyrd=1.
compute h2oOwpub=0.
if (hv201=23) h2oOwpub=1.
compute h2osurf=0.
if (hv201=24) h2osurf=1.
compute h2otruck=0.

```

```

if (hv201=51) h2otruck=1.
compute h2obottl=0.
if (hv201=61) h2obottl=1.
compute h2ooth=0.
if (hv201=96) h2ooth=1.

```

VARIABLE LABELS

```

H2OIRES "if piped drinking water in residence"
/H2Oores "if uses water that is piped into yard/plot"
/H2OpiPUB "if uses a public faucet (piped)"
/H2Oowres "if has an open well in residence"
/H2Oowyrd "if has an open well in yard/plot"
/H2Oowpub "if has an open public well"
/H2OSURF "if uses river, canal or surface water for drinking"
/H2OTRUCK "if gets drinking water from tanker truck"
/H2OBOTTL "if uses bottled water"
/H2OOTH "Other source of drinking water"
.

```

VALUE LABELS

```

H2OIRES 1 "piped drinking water in residence"
/H2Oores 1 "uses water that is piped into yard/plot"
/H2OpiPUB 1 "uses a public faucet (piped)"
/H2Oowres 1 "has an open well in residence"
/H2Oowyrd 1 "has an open well in yard/plot"
/H2Oowpub 1 "has an open public well"
/H2OSURF 1 "uses river, canal or surface water for drinking"
/H2OTRUCK 1 "gets drinking water from tanker truck"
/H2OBOTTL 1 "uses bottled water"
/H2OOTH 1 "Other source of drinking water"
.

```

```

* {Toilet facility} .
compute flush=0.
if (hv205=11 & sh24=0) flush=1.
compute latpit=0.
if (hv205=21 & sh24=0) latpit=1.
compute sflush=0.
if (hv205=11 & sh24=1) sflush=1.
compute slatpit=0.
if (hv205=21 & sh24=1) slatpit=1.
compute latbush=0.
if (hv205=31) latbush=1.
compute latoth=0.
if (hv205=96) latoth=1.

```

VARIABLE LABELS

```

Flush "if uses own flush toilet"
/LATPIT "if uses a pit latrine"
/sFlush "if uses a shared flush toilet"
/sLATPIT "if uses a shared pit latrine"
/LATBUSH "if uses bush,field as latrine"
/LATOTH "if other type of latrine"

```

```

.
VALUE LABELS
Flush 1 "uses own flush toilet"
/LATPIT 1 "uses a pit latrine"
/sFlush 1 "uses shared flush toilet"
/sLATPIT 1 "uses a shared pit latrine"
/LATBUSH 1 "uses bush,field as latrine"
/LATOTH 1 "other type of latrine"
.

* {Flooring} .
compute dirtfloo=0.
if (hv213=11) dirtfloo=1.
compute woodfloo=0.
if (hv213=21) woodfloo=1.
compute parqfloo=0.
if (hv213=31) parqfloo=1.
compute vinlfloo=0.
if (hv213=32) vinlfloo=1.
compute cemtfloo=0.
if (hv213=34) cemtfloo=1.
compute rugfloo=0.
if (hv213=35) rugfloo=1.
compute othfloo=0.
if (hv213=96) othfloo=1.

VARIABLE LABELS
DIRTFLOO "if has dirt, sand, dung as principal floor in dwelling"
/WOODFLOO "if has wood, plank principal floor in dwelling"
/CEMTFLOO "if has cement principal floor"
/PARQFLOO "if has parquet or polished wood floors"
/VINLFLOO "if has linoleum as flooring material"
/rugfloo "if has carpet for principal floor"
/OTHFLOO "if has other type of flooring"
.
VALUE LABELS
DIRTFLOO 1 "has dirt, sand, dung as principal floor in dwelling"
/WOODFLOO 1 "has wood, plank principal floor in dwelling"
/CEMTFLOO 1 "has cement principal floor"
/PARQFLOO 1 "has parquet or polished wood floors"
/VINLFLOO 1 "has linoleum as flooring material"
/rugfloo 1 "has carpet for principal floor"
/OTHFLOO 1 "has other type of flooring"
.

* {Cooking fuel} .
compute cookelec =0.
if (sh26=1) cookelec =1.
compute cookgas =0.
if (sh26=2) cookgas =1.
compute cookbio =0.

```



```

if (sh26=3) cookbio =1.
compute cookkero =0.
if (sh26=4) cookkero =1.
compute cookcoal =0.
if (sh26=5) cookcoal =1.
compute cookchar =0.
if (sh26=6) cookchar =1.
compute cookwood =0.
if (sh26=7) cookwood =1.
compute cookdung =0.
if (sh26=8) cookdung =1.
compute cookoth =0.
if (sh26=96) cookoth =1.

```

VARIABLE LABELS

```

COOKWOOD "if uses wood as cooking fuel"
/COOKDUNG "if uses Tezek as cooking fuel"
/COOKCOAL "if uses coal as cooking fuel"
/COOKCHAR "if uses charcoal for cooking"
/COOKKERO "if uses kerosene as cooking fuel"
/COOKGAS "if uses gas as cooking fuel"
/COOKbio "if uses bio gas as cooking fuel"
/COOKELEC "if uses electricity as cooking fuel"
/COOKOTH "if uses other cooking fuel"
.

```

VALUE LABELS

```

COOKWOOD 1 "uses wood as cooking fuel"
/COOKDUNG 1 "uses Tezek as cooking fuel"
/COOKCOAL 1 "uses coal as cooking fuel"
/COOKCHAR 1 "uses charcoal for cooking"
/COOKKERO 1 "uses kerosene as cooking fuel"
/COOKGAS 1 "uses gas as cooking fuel"
/COOKbio 1 "uses bio gas as cooking fuel"
/COOKELEC 1 "uses electricity as cooking fuel"
/COOKOTH 1 "uses other cooking fuel"
.

```

execute.

FACTOR

```

/VARIABLES hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221
sh36 sh37
ownland h2oires h2oores h2opipub h2oowres h2oowyrd h2oowpub
h2osurf h2otruck
h2obottl h2ooth flush latpit sflush slatpit latbush latoth
dirtfloo woodfloo
parqfloo vinlfloo cemtfloo rugfloo othfloo cookelec cookgas
cookbio cookkero
cookcoal cookchar cookwood cookdung cookoth /MISSING MEANSUB
/ANALYSIS
hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh36 sh37
ownland

```

```

h2oires h2oores h2opipub h2oowres h2oowyrd h2oowpub h2osurf
h2otruck
h2obottl h2ooth flush latpit sflush slatpit latbush latoth
dirtfloo woodfloo
parqfloo vinlfloo cemtfloo rugfloo othfloo cookelec cookgas
cookbio cookkero
cookcoal cookchar cookwood cookdung cookoth
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL)
/METHOD=CORRELATION .

compute fac1_1=-fac1_1.

save outfile="c:\hnp2\kazak99\assets.sav".

COMPUTE hhmemwt = hv005/1000000 * hv012 .
VARIABLE LABELS hhmemwt 'HH members weighting for Index' .

WEIGHT
BY hhmemwt .
FREQUENCIES
VARIABLES=fac1_1 /FORMAT=NOTABLE
/NTILES= 5
/STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN /ORDER ANALYSIS .

RANK
VARIABLES = fac1_1
/NTILES(5) INTO wlthind5
/PRINT = NO
/TIES = MEAN .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
VALUE LABELS
wlthind5 1 "Lowest" 2 "Second" 3 "Middle" 4 "Fourth" 5
"Highest".

weight off.
do if (missing(wlthind5)).
recode fac1_1 (lo thru -1.3964516894181669=1)(-1.3964516894181669
thru -1.1315626371443361=2)
(-1.1315626371443361 thru -0.533806204836998=3)
(-0.533806204836998 thru 0.6936141249712758=4)
(0.6936141249712758 thru hi=5) into wlthind5.
end if.

write outfile='c:\hnp2\kazak99\scores.dat' records=1 table
/hhid fac1_1 wlthind5.

```

execute.

MEANS

TABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh36  
sh37

ownland h2oires h2oores h2opipub h2oowres h2oowyrd h2oowpub  
h2osurf h2otruck

h2obottl h2ooth flush latpit sflush slatpit latbush latoth  
dirtfloo woodfloo

parqfloo vinlfloo cemtfloo rugfloo othfloo cookelec cookgas  
cookbio cookkero

cookcoal cookchar cookwood cookdung cookoth

BY

hv025 by wlthind5

/CELLS MEAN .

WEIGHT

OFF.

DESCRIPTIVES

VARIABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh36  
sh37

ownland h2oires h2oores h2opipub h2oowres h2oowyrd h2oowpub  
h2osurf h2otruck

h2obottl h2ooth flush latpit sflush slatpit latbush latoth  
dirtfloo woodfloo

parqfloo vinlfloo cemtfloo rugfloo othfloo cookelec cookgas  
cookbio cookkero

cookcoal cookchar cookwood cookdung cookoth

/STATISTICS=MEAN STDDEV MIN MAX .

save outfile="c:\hnp2\kazak99\assets.sav".