

DATA LIST FILE='C:\Documents and Settings\Kiersten.B.Johnson
\Desktop\Exported.dat' RECORDS=1
/

HHID	1-12	(A)
HV005	13-20	
HV012	21-22	
HV013	23-24	
HV015	25-25	
HV201	26-27	
HV205	28-29	
HV206	30-30	
HV207	31-31	
HV208	32-32	
HV209	33-33	
HV210	34-34	
HV211	35-35	
HV212	36-36	
HV213	37-38	
HV214	39-40	
HV215	41-42	
HV216	43-44	
HV221	45-45	
HV225	46-46	
HV226	47-48	
HV238	49-50	
HV239	51-51	
HV240	52-52	
HV241	53-53	
HV242	54-54	
HV243A	55-55	
HV243B	56-56	
HV243C	57-57	
HV243D	58-58	
HV244	59-59	
HV245	60-61	
HV246	62-62	
HV246A	63-64	
HV246B	65-66	
HV246C	67-68	
HV246D	69-70	
HV246E	71-72	
HV246F	73-74	
HV246G	75-76	
HV246H	77-78	
HV246I	79-80	
HV246J	81-82	
HV246K	83-84	
HV247	85-85	
SH25D	86-86	
SH25E	87-87	
SH25H	88-88	
SH25J	89-89	

SH25K	90-90
SH25L	91-91
SH25M	92-92
SH25N	93-93
SH25O	94-94
SH28C	95-95
SH28F	96-96
SH28G	97-97
SH28I	98-98
SH28J	99-99
SH28K	100-100
SH28L	101-101
SH28H	102-102
SH28M	103-103

VARIABLE LABELS

HHID	"Case Identification"
/HV005	"Sample weight"
/HV012	"Number of de jure members"
/HV013	"Number of de facto members"
/HV015	"Result of household interview"
/HV201	"Source of drinking water"
/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"
/HV221	"Has telephone"
/HV225	"Share toilet with other households"
/HV226	"Type of cooking fuel"
/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 own"
 /HV246E "Sheep own"
 /HV246F "Chickens own"
 /HV246G "CS own"
 /HV246H "CS own"
 /HV246I "CS own"
 /HV246J "CS own"
 /HV246K "CS own"
 /HV247 "Owns a bank account"
 /SH25D "TV5 channel"
 /SH25E "Canal channel"
 /SH25H "Washing machine"
 /SH25J "Stove"
 /SH25K "Foyer amélioré"
 /SH25L "Video/CD/DVD"
 /SH25M "Air conditionner"
 /SH25N "computer"
 /SH25O "Internet"
 /SH28C "Personal car"
 /SH28F "Charrue"
 /SH28G "Horse"
 /SH28I "Camel"
 /SH28J "Donkey"
 /SH28K "Sheep/goat"
 /SH28L "Pirogues/filets"
 /SH28H "Own cows"
 /SH28M "Own chicken"

MISSING VALUE

HV201 (99)
 /HV205 (99)
 /HV206 (9)
 /HV207 (9)
 /HV208 (9)
 /HV209 (9)
 /HV210 (9)
 /HV211 (9)
 /HV212 (9)
 /HV213 (99)
 /HV214 (99)
 /HV215 (99)
 /HV216 (99)
 /HV221 (9)
 /HV225 (9)
 /HV226 (99)
 /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)
/SH25D (9)
/SH25E (9)
/SH25H (9)
/SH25J (9)
/SH25K (9)
/SH25L (9)
/SH25M (9)
/SH25N (9)
/SH25O (9)
/SH28C (9)
/SH28F (9)
/SH28G (9)
/SH28I (9)
/SH28J (9)
/SH28K (9)
/SH28L (9)

.
VALUE LABELS

HV015

- 1 "Completed"
- 2 "HH present, no resp"
- 3 "HH absent"
- 4 "Postponed"
- 5 "Refused"
- 6 "Dwelling vacant"
- 7 "Dwelling destroyed"
- 8 "Dwelling not found"
- 9 "Other"

/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"
 /HV205
 10 "FLUSH TOILET"
 11 "Flush toilet"
 20 "PIT TOILET LATRINE"
 21 "Traditional pit toilet"
 22 "Ventilated improved pit latrine"
 30 "NO FACILITY"
 31 "No facility, bush, field"
 41 "Composting toilet"
 42 "Bucket toilet"
 43 "Hanging toilet/latrine"
 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"
 30 "FINISHED"

31 "Parquet, polished wood"
 32 "Vinyl, asphalt strips"
 33 "Ceramic tiles"
 34 "Cement "
 35 "Carpet "
 96 "OTHER "
 /HV214
 10 "NATURAL"
 20 "RUDIMENTARY"
 30 "FINISHED"
 31 ""
 96 "OTHER "
 /HV215
 10 "NATURAL"
 20 "RUDIMENTARY"
 30 "FINISHED"
 31 ""
 96 "OTHER "
 /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"
 /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"

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    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

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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 "
/SH25D
0 "No "
1 "Yes "
/SH25E
0 "No "
1 "Yes "
/SH25H
0 "No "
1 "Yes "
/SH25J
0 "No "
1 "Yes "
/SH25K
0 "No "
1 "Yes "
/SH25L
0 "No "
1 "Yes "
/SH25M
0 "No "
1 "Yes "
/SH25N
0 "No "
1 "Yes "
/SH25O
0 "No "
1 "Yes "
/SH28C
0 "No "
1 "Yes "


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/SH28F
  0 "No"
  1 "Yes"
/SH28G
  0 "No"
  1 "Yes"
/SH28I
  0 "No"
  1 "Yes"
/SH28J
  0 "No"
  1 "Yes"
/SH28K
  0 "No"
  1 "Yes"
/SH28L
  0 "No"
  1 "Yes"

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EXECUTE.

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FREQ hv015.
SELECT IF (hv015 = 1).
FREQ hv015.

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FREQ hv201 hv205 hv213 hv226 hv216 hv221 hv243a hv206 hv207 hv208
hv209 hv210 hv211 hv212
hv243c sh25d sh25e sh25h sh25j sh25k sh25l sh25m sh25n sh25o
sh28c sh28f sh28g sh28i sh28j sh28k sh28l sh28h sh28m.

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* WATER.

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COMPUTE h2opipe = 0.
IF (hv201 = 11 | hv201 = 71) h2opipe = 1.
VAR LABELS h2opipe "if gets water piped into home (+9 bottle
water)".
VAL LABELS h2opipe    0 "no water piped into home"
                    1 "water is piped into home".

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COMPUTE h2oyard = 0.
IF (hv201 = 12) h2oyard = 1.
VAR LABELS h2oyard "if gets water piped into yard".
VAL LABELS h2oyard    0 "no water piped into yard"
                    1 "water is piped into yard".

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COMPUTE h2opub = 0.
IF (hv201 = 13) h2opub = 1.
VAR LABELS h2opub "if gets water from piped public source".
VAL LABELS h2opub    0 "no water from piped public source"

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        1 "water is from piped public source".

COMPUTE h2ppvwel = 0.
IF (hv201 = 31) h2ppvwel = 1.
VAR LABELS h2ppvwel "if gets water from a protected well".
VAL LABELS h2ppvwel  0 "no water from a protected well"
                  1 "water is from a protected well".

COMPUTE h2pydwel = 0.
IF (hv201 = 32) h2pydwel = 1.
VAR LABELS h2pydwel "if gets water from an unprotected well".
VAL LABELS h2pydwel  0 "no water from an unprotected well"
                  1 "water is from an unprotected well".

COMPUTE h2spring = 0.
IF (hv201 = 41 | hv201 = 51) h2spring = 1.
VAR LABELS h2spring "if gets water from a protected spring".
VAL LABELS h2spring  0 "no water from a protected spring"
                  1 "water is from a protected spring".

COMPUTE h2osurf = 0.
IF (hv201 = 43 | hv201 = 96) h2osurf = 1.
VAR LABELS h2osurf "if gets water from a surface source".
VAL LABELS h2osurf  0 "no water from a surface source"
                  1 "water is from a surface source".

*TOILET.

COMPUTE flpvt = 0.
IF (hv205 = 11 & hv225 = 0) flpvt = 1.
VAR LABELS flpvt "if uses pvt flush toilet".
VAL LABELS flpvt 0 "does not use pvt flush toilet"
                  1 "uses pvt flush toilet".

COMPUTE flshr = 0.
IF (hv205 = 11 & hv225 = 1) flshr = 1.
VAR LABELS flshr "if uses shared flush toilet".
VAL LABELS flshr 0 "does not use shared flush toilet"
                  1 "uses shared flush toilet".

COMPUTE latpvt = 0.
IF (hv205 = 21 & hv225 = 0) latpvt = 1.
VAR LABELS latpvt "if uses pvt trad latrine".
VAL LABELS latpvt  0 "does not use pvt trad latrine"
                  1 "uses pvt trad latrine".

COMPUTE latshr = 0.
IF (hv205 = 21 & hv225 = 1) latshr = 1.
VAR LABELS latshr "if uses shared trad latrine".
VAL LABELS latshr  0 "does not use shared trad latrine"
                  1 "uses shared trad latrine".

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COMPUTE vippvt = 0.
IF (hv205 = 22 & hv225 = 0) vippvt = 1.
VAR LABELS vippvt "if uses pvt vip latrine".
VAL LABELS vippvt 0 "does not use pvt vip latrine"
                1 "uses pvt vip latrine".

COMPUTE vipshr = 0.
IF (hv205 = 22 & hv225 = 1) vipshr = 1.
VAR LABELS vipshr "if uses shared vip latrine".
VAL LABELS vipshr 0 "does not use shared vip latrine"
                1 "uses shared vip latrine".

COMPUTE latbush = 0.
IF (hv205 = 31 | hv205 = 96) latbush = 1.
VAR LABELS latbush "if uses bush for latrine".
VAL LABELS latbush 0 "does not use bush for latrine"
                1 "uses bush for latrine".

* FLOORING.

COMPUTE dirtfloo = 0.
IF (hv213 = 11) dirtfloo = 1.
VAR LABELS dirtfloo "if floors are made of earth".
VAL LABELS dirtfloo 0 "floors are not made of earth"
                1 "floors are made of earth".

COMPUTE dungfloo = 0.
IF (hv213 = 12) dungfloo = 1.
VAR LABELS dungfloo "if floors are made of dung".
VAL LABELS dungfloo 0 "floors are not made of dung"
                1 "floors are made of dung".

COMPUTE cemtfloo = 0.
IF (hv213 = 34 | hv213 = 32) cemtfloo = 1.
VAR LABELS cemtfloo "if floors are made of cement (+5
vin/asphalt)".
VAL LABELS cemtfloo 0 "floors are not made of cement"
                1 "floors are made of cement".

COMPUTE tilefloo = 0.
IF (hv213 = 31 | hv213 = 33) tilefloo = 1.
VAR LABELS tilefloo "if floors are made of tile/finished surface
(+ 10 parq)".
VAL LABELS tilefloo 0 "floors are not made of tile/finished
surface"
                1 "floors are made of tile/finished surface".

COMPUTE carpfloo = 0.
IF (hv213 = 35) carpfloo = 1.
VAR LABELS carpfloo "if floors are made of carpet".

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VAL LABELS carpfloo  0 "floors are not made of carpet"
                  1 "floors are made of carpet".

COMPUTE othfloo = 0.
IF (hv213 = 96) othfloo = 1.
VAR LABELS othfloo "if floors are made of other".
VAL LABELS othfloo  0 "floors are not made of other"
                  1 "floors are made of other".

* COOKING FUEL.

COMPUTE cooklpg = 0.
IF (hv226 = 1 | hv226 = 2) cooklpg = 1.
VAR LABELS cooklpg "if uses lpg gas for cooking fuel (+7 elec)".
VAL LABELS cooklpg  0 "no lpg gas cooking fuel"
                  1 "uses lpg gas cooking fuel".

COMPUTE cookchar = 0.
IF (hv226 = 7) cookchar = 1.
VAR LABELS cookchar "if uses charcoal for cooking fuel".
VAL LABELS cookchar  0 "no charcoal cooking fuel"
                  1 "uses charcoal cooking fuel".

COMPUTE cookwood = 0.
IF (hv226 = 8) cookwood = 1.
VAR LABELS cookwood "if uses wood for cooking fuel".
VAL LABELS cookwood  0 "no wood cooking fuel"
                  1 "uses wood cooking fuel".

COMPUTE cookdung = 0.
IF (hv226 = 11) cookdung = 1.
VAR LABELS cookdung "if uses dung for cooking fuel".
VAL LABELS cookdung  0 "no dung cooking fuel"
                  1 "uses dung cooking fuel".

COMPUTE cookoth = 0.
IF (hv226 = 96) cookoth = 1.
VAR LABELS cookoth "if uses other for cooking fuel".
VAL LABELS cookoth  0 "no other cooking fuel"
                  1 "uses other cooking fuel".

COMPUTE memsleep = (hv012/hv216).
IF (MISSING(hv216)) hv216 = hv012.
VARIABLE LABELS memsleep "number of members per sleeping room".

IF (MISSING(hv206)) hv206 = 0.
IF (MISSING(hv207)) hv207 = 0.
IF (MISSING(hv208)) hv208 = 0.
IF (MISSING(hv209)) hv209 = 0.

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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(hv243c)) hv243c = 0.
IF (MISSING(sh25d)) sh25d = 0.
IF (MISSING(sh25e)) sh25e = 0.
IF (MISSING(sh25h)) sh25h = 0.
IF (MISSING(sh25j)) sh25j = 0.
IF (MISSING(sh25k)) sh25k = 0.
IF (MISSING(sh25l)) sh25l = 0.
IF (MISSING(sh25m)) sh25m = 0.
IF (MISSING(sh25n)) sh25n = 0.
IF (MISSING(sh25o)) sh25o = 0.
IF (MISSING(sh28c)) sh28c = 0.
IF (MISSING(sh28f)) sh28f = 0.
IF (MISSING(sh28g)) sh28g = 0.
IF (MISSING(sh28h)) sh28h = 0.
IF (MISSING(sh28i)) sh28i = 0.
IF (MISSING(sh28j)) sh28j = 0.
IF (MISSING(sh28k)) sh28k = 0.
IF (MISSING(sh28l)) sh28l = 0.
IF (MISSING(sh28m)) sh28m = 0.

```

EXECUTE.

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FREQ hv243a hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv243c
sh25d
sh25e sh25h sh25j sh25k sh25l sh25m sh25n sh25o sh28c sh28f sh28g
sh28i
sh28j sh28k sh28l sh28h sh28m h2opipe h2oyard h2opub h2ppvwel
h2pydwel
h2spring h2osurf flpvt flshr latpvt latshr vipvvt vipshr latbush
dirtfloo dungfloo cemtfloo
tilefloo carpfloo othfloo cooklpg cookchar cookwood cookdung
cookoth memsleep.

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FACTOR

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/VARIABLES hv243a hv206 hv207 hv208 hv209 hv210 hv211 hv212
hv243c sh25d
sh25e sh25h sh25j sh25k sh25l sh25m sh25n sh25o sh28c sh28f sh28g
sh28i
sh28j sh28k sh28l sh28h sh28m h2opipe h2oyard h2opub h2ppvwel
h2pydwel
h2spring h2osurf flpvt flshr latpvt latshr vipvvt vipshr latbush
dirtfloo dungfloo cemtfloo
tilefloo carpfloo othfloo cooklpg cookchar cookwood cookdung
cookoth memsleep
/MISSING MEANSUB /ANALYSIS hv243a hv206 hv207 hv208 hv209 hv210
hv211 hv212 hv243c sh25d
sh25e sh25h sh25j sh25k sh25l sh25m sh25n sh25o sh28c sh28f sh28g

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sh28i
sh28j sh28k sh28l sh28h sh28m h2opipe h2oyard h2opub h2ppvwel
h2pydwel
h2spring h2osurf flpvt flshr latpvt latshr vipvt vipshr latbush
dirtfloo dungfloo cemtfloo
tilefloo carpfloo othfloo cooklpg cookchar cookwood cookdung
cookoth memsleep
  /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL)
  /METHOD=CORRELATION .

```

```

save outfile="c:\mali06_wi\assets.sav".
COMPUTE hhmemwt = hv005/1000000 * hv012 .
VARIABLE LABELS hhmemwt 'HH members weighting for Index' .

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```

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

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```

RECODE
fac1_1
(Lowest thru -0.7171916722761=1) (-0.7171916722761 thru
-0.4762076748551=2) (-0.4762076748551 thru
-0.2036304402477=3) (-0.2036304402477 thru 0.5486710972863=4)
(0.5486710972863 thru Highest=5) INTO
wlthind5 .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
EXECUTE .

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```

write outfile="c:\mali06_wi\scores.dat" records=1 table
/hhid fac1_1 wlthind5.
execute.

```

```

MEANS
  TABLES=hv243a hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv243c
sh25d
sh25e sh25h sh25j sh25k sh25l sh25m sh25n sh25o sh28c sh28f sh28g
sh28i
sh28j sh28k sh28l sh28h sh28m h2opipe h2oyard h2opub h2ppvwel
h2pydwel
h2spring h2osurf flpvt flshr latpvt latshr vipvt vipshr latbush
dirtfloo dungfloo cemtfloo
tilefloo carpfloo othfloo cooklpg cookchar cookwood cookdung
cookoth memsleep

```

BY
wlthind5
/CELLS MEAN .