Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities

Codebooks

Data released to public: January 2007

First version of this manual: January 2007

Current version of this manual: November 2014

Joan Hamory Hicks
University of California, Berkeley, CEGA

Carolyne Nekesa
Innovations for Poverty Action

Table of Contents

1. Abbreviations and Terminology Used in Codebooks

1) Acronyms & Terminology

Group 1   Schools that began receiving deworming treatments in 1998
Group 2   Schools that began receiving deworming treatments in 1999
Group 3   Schools that began receiving deworming treatments in 2001
ICS   International Child Support Africa, the NGO administering the PSDP
PSDP   Primary School Deworming Project
SAP   The twenty-seven of the seventy-five project schools that were also involved in another NGO project, which consisted of financial assistance for textbook purchase and classroom construction, and teacher performance incentives
Standard   Grade level in primary school

2) Categorical Labels

For all school IDs:

555   Child "at home"
888   Don't know about child's whereabouts / current school

For all standards (grades):

0-8   Primary school grade (0=preschool)
9   Child in secondary school
10   Child finished primary school
11   No further information the child
55   Child dropped out of schools
66   Child is sick
77   Child died
99   Don't know about child's whereabouts

2. Codebook for namelist.dta

```
--------------------------------------------------------------------------------
pupid                                                            Pupil ID Number
--------------------------------------------------------------------------------

              type:  numeric (long)

             range:  [1071714,9146209]           units:  1
     unique values:  34781                       missing .:  0/556672

              mean:   2.1e+06
         std. dev:    699015

       percentiles:        10%       25%       50%       75%       90%
                       1.2e+06   1.7e+06   2.1e+06   2.7e+06   2.9e+06


--------------------------------------------------------------------------------
dupid                                     Uniquely identifies duplicate observations
--------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [1,2]                        units:  1
     unique values:  2                            missing .:  0/556672

        tabulation:  Freq.  Value
                     5.6e+05 1
                         176  2


--------------------------------------------------------------------------------
visit                                                                      Visit
--------------------------------------------------------------------------------

              type:  numeric (int)
             label:  visit_label

             range:  [981,998]                    units:  1
     unique values:  16                           missing .:  0/556672

          examples:  984    Visit 4, 1998
                     987    Visit 7, 1998
                     992    Visit 2, 1999
                     995    Visit 5, 1999


--------------------------------------------------------------------------------
schid                                     School ID of sampled child at time of visit
--------------------------------------------------------------------------------

              type:  numeric (int)
             label:  sch_label, but 206 nonmissing values are not labeled

             range:  [21,1892]                    units:  1
     unique values:  208                          missing .:  272763/556672
```

```
                 examples:  205
                            278
                            .
                            .

-------------------------------------------------------------------------------
std                         Standard (grade level) of sampled child at time of visit
-------------------------------------------------------------------------------

                     type:  numeric (byte)
                    label:  std_label, but 10 nonmissing values are not labeled

                    range:  [0,99]                    units:  1
            unique values:  17                     missing .:  273165/556672

                 examples:  3
                            7
                            .
                            .

-------------------------------------------------------------------------------
sex                                                        Sampled child is male
-------------------------------------------------------------------------------

                     type:  numeric (byte)

                    range:  [0,1]                     units:  1
            unique values:  2                      missing .:  85152/556672

                tabulation:  Freq.  Value
                            2.3e+05 0
                            2.5e+05 1
                             85152  .

-------------------------------------------------------------------------------
obs                         Sampled child was observed at time of visit
-------------------------------------------------------------------------------

                     type:  numeric (byte)

                    range:  [0,1]                     units:  1
            unique values:  2                      missing .:  0/556672

                tabulation:  Freq.  Value
                            3.4e+05 0
                            2.2e+05 1

-------------------------------------------------------------------------------
prs                         Sampled child was present at time of visit
-------------------------------------------------------------------------------

                     type:  numeric (byte)

                    range:  [0,1]                     units:  1
            unique values:  2                      missing .:  335185/556672
```

```
           tabulation:  Freq.  Value
                        58206  0
                       1.6e+05 1
                       3.4e+05 .


--------------------------------------------------------------------------------
totobs98           Total school participation observations  for a sampled child, 1998
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,5]                        units:  1
        unique values:  6                       missing .:  0/556672

           tabulation:  Freq.  Value
                       1.2e+05 0
                        23616  1
                        50736  2
                       1.2e+05 3
                       1.6e+05 4
                        90848  5


--------------------------------------------------------------------------------
totprs98              Total observations where a sampled child was present, 1998
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,5]                        units:  1
        unique values:  6                       missing .:  0/556672

           tabulation:  Freq.  Value
                       1.6e+05 0
                        39888  1
                        79856  2
                       1.1e+05 3
                       1.3e+05 4
                        32784  5


--------------------------------------------------------------------------------
totpar98                                        Average school participation, 1998
--------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [0,1]                        units:  1.000e-08
        unique values:  11                      missing .:  118656/556672

                 mean:  .764241
             std. dev:  .329734

          percentiles:        10%        25%        50%        75%        90%
                               0         .6          1          1          1


--------------------------------------------------------------------------------
totobs99           Total school participation observations  for a sampled child, 1999
--------------------------------------------------------------------------------
```

```
                  type:  numeric (byte)

                 range:  [0,7]                          units:  1
         unique values:  8                    missing .:  0/556672

            tabulation:  Freq.  Value
                         1.0e+05 0
                          20448  1
                          13328  2
                         1.6e+05 3
                          15936  4
                         2.5e+05 5
                             96  6
                             32  7

-------------------------------------------------------------------------------
totprs99                     Total observations where a sampled child was present, 1999
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,6]                          units:  1
         unique values:  7                    missing .:  0/556672

            tabulation:  Freq.  Value
                         1.7e+05 0
                          37648  1
                          57216  2
                         1.2e+05 3
                          81200  4
                          91200  5
                             64  6

-------------------------------------------------------------------------------
totpar99                               Average school participation, 1999
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [0,1]                          units:  1.000e-08
         unique values:  13                   missing .:  100544/556672

                  mean:  .682769
              std. dev:  .361464

           percentiles:        10%      25%      50%      75%      90%
                                 0       .4       .8        1        1

-------------------------------------------------------------------------------
totobs                                 Total school participation observations for
                                       a sampled child, 1998 and 1999
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,11]                         units:  1
```

```
         unique values:  12                          missing .:  0/556672

                 mean:   6.07088
             std. dev:   2.8334

          percentiles:       10%       25%       50%       75%       90%
                              1         4         7         8         9


--------------------------------------------------------------------------------
totprs          Total observations where a sampled child was present, 1998 and 1999
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,10]                        units:  1
         unique values:  11                          missing .:  0/556672

                 mean:   4.47689
             std. dev:   2.92214

          percentiles:       10%       25%       50%       75%       90%
                              0         2         5         7         8


--------------------------------------------------------------------------------
totpart                          Average school participation, 1998 and 1999
--------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [0,1]                         units:  1.000e-08
         unique values:  32                          missing .:  53744/556672

                 mean:   .718247
             std. dev:   .30642

          percentiles:       10%       25%       50%       75%       90%
                            .166667       .6        .8         1         1


--------------------------------------------------------------------------------
sch98v1                          School ID of sampled child in Visit 1, 1998
--------------------------------------------------------------------------------

                 type:  numeric (int)
                label:  sch_label, but 75 nonmissing values are not labeled

                range:  [108,297]                     units:  1
         unique values:  75                          missing .:  0/556672

             examples:  164
                        201
                        216
                        274


--------------------------------------------------------------------------------
wgrp                                          Initial worm group, Jan 1998
--------------------------------------------------------------------------------
```

```
                 type:  numeric (byte)

                range:  [1,3]                        units:  1
        unique values:  3                         missing .:  0/556672

           tabulation:  Freq.  Value
                        1.9e+05 1
                        1.9e+05 2
                        1.8e+05 3

-------------------------------------------------------------------------------
wgrp1                                Sampled child was in treatment Group 1, Jan 1998
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                         missing .:  0/556672

           tabulation:  Freq.  Value
                        3.7e+05 0
                        1.9e+05 1

-------------------------------------------------------------------------------
wgrp2                                Sampled child was in treatment Group 2, Jan 1998
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                         missing .:  0/556672

           tabulation:  Freq.  Value
                        3.6e+05 0
                        1.9e+05 1

-------------------------------------------------------------------------------
wgrp3                                Sampled child was in treatment Group 3, Jan 1998
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                         missing .:  0/556672

           tabulation:  Freq.  Value
                        3.8e+05 0
                        1.8e+05 1

-------------------------------------------------------------------------------
yrbirth                                        Year of birth of sampled child
-------------------------------------------------------------------------------

                 type:  numeric (int)

                range:  [1973,1997]                  units:  1
        unique values:  24                        missing .:  124176/556672
```

```
                 mean:     1986.2
            std. dev:    3.12472

         percentiles:       10%       25%       50%       75%       90%
                           1982      1984      1986      1988      1991

--------------------------------------------------------------------------------
elg98              Indicator for boys (of any age) or girls (under 13 years) in 1998
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                          units:  1
        unique values:  2                          missing .:  19216/556672

          tabulation:  Freq.  Value
                       60640  0
                       4.8e+05 1
                       19216  .

--------------------------------------------------------------------------------
elg99              Indicator for boys (of any age) or girls (under 13 years) in 1999
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                          units:  1
        unique values:  2                          missing .:  24192/556672

          tabulation:  Freq.  Value
                       83584  0
                       4.5e+05 1
                       24192  .

--------------------------------------------------------------------------------
stdgap             Grade progression of sampled child, Grade-(Age-6), Jan 1998
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [-19,9]                        units:  1
        unique values:  27                         missing .:  139808/556672

                 mean:   -1.92343
            std. dev:    1.62679

         percentiles:       10%       25%       50%       75%       90%
                             -4        -3        -2        -1         0

--------------------------------------------------------------------------------
sap1                       Sampled child was in a SAP Group 1 School, Jan 1998
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                          units:  1
```

```
         unique values:  2                            missing .:  0/556672

            tabulation:  Freq.  Value
                         4.9e+05 0
                          67584  1

-------------------------------------------------------------------------------
sap2                             Sampled child was in a SAP Group 2 School, Jan 1998
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                         units:  1
         unique values:  2                            missing .:  0/556672

            tabulation:  Freq.  Value
                         5.2e+05 0
                          35760  1

-------------------------------------------------------------------------------
sap3                             Sampled child was in a SAP Group 3 School, Jan 1998
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                         units:  1
         unique values:  2                            missing .:  0/556672

            tabulation:  Freq.  Value
                         5.1e+05 0
                          46288  1

-------------------------------------------------------------------------------
sap4                             Sampled child was in a SAP Group 4 School, Jan 1998
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                         units:  1
         unique values:  2                            missing .:  0/556672

            tabulation:  Freq.  Value
                         4.9e+05 0
                          63072  1

-------------------------------------------------------------------------------
std98v1                          Standard (grade level) of sampled child in Visit 1, 1998
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,88]                        units:  1
         unique values:  15                           missing .:  80/556672

                  mean:  5.67632
              std. dev:  10.6384
```

```
        percentiles:        10%       25%       50%       75%       90%
                              0         1         3         6         8


-------------------------------------------------------------------------------
date                                                          Date of interview
-------------------------------------------------------------------------------

               type:  numeric (int)

              range:  [13923,14541]              units:  1
      unique values:  217                    missing .:  356512/556672

               mean:  14221.9
           std. dev:  186.795

        percentiles:        10%       25%       50%       75%       90%
                          14024     14054     14143     14419     14507


-------------------------------------------------------------------------------
Tmonths                                           Months Since January 1998
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [2,22]                     units:  1
      unique values:  6                      missing .:  0/556672

         tabulation:  Freq.  Value
                      34792  2
                      1.7e+05 6
                      69584  10
                      69584  14
                      1.4e+05 18
                      69584  22

-------------------------------------------------------------------------------
Isem1       Sampled child was observed within 6 months from the start of project
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                      units:  1
      unique values:  2                      missing .:  0/556672

         tabulation:  Freq.  Value
                      4.6e+05 0
                      97127  1


-------------------------------------------------------------------------------
Isem2                                   Sampled child was observed between 6 to 12
                                        months from the start of project
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                      units:  1
      unique values:  2                      missing .:  0/556672
```

```
        tabulation:  Freq.  Value
                    5.3e+05 0
                     26854  1


-------------------------------------------------------------------------------
Isem3          Sampled child was observed after 12 months from the start of project
-------------------------------------------------------------------------------

             type:  numeric (byte)

            range:  [0,1]                          units:  1
    unique values:  2                          missing .:  0/556672

        tabulation:  Freq.  Value
                    4.7e+05 0
                     87237  1
```

3. Codebook for namelist_old.dta

```
--------------------------------------------------------------------------------
pupid                                                            Pupil ID Number
--------------------------------------------------------------------------------

                 type:  numeric (long)

                range:  [1071714,9146209]          units:  1
        unique values:  34781                      missing .:  0/556496

                 mean:   2.1e+06
            std. dev:    699077

          percentiles:        10%       25%       50%       75%       90%
                          1.2e+06   1.7e+06   2.1e+06   2.7e+06   2.9e+06


--------------------------------------------------------------------------------
visit                                                                      Visit
--------------------------------------------------------------------------------

                 type:  numeric (int)
                label:  visit_label

                range:  [981,998]                  units:  1
        unique values:  16                         missing .:  0/556496

             examples:  984    Visit 4, 1998
                        987    Visit 7, 1998
                        992    Visit 2, 1999
                        995    Visit 5, 1999


--------------------------------------------------------------------------------
sex                                                       Sampled child is male
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                       units:  1
        unique values:  2                           missing .:  85104/556496

           tabulation:  Freq.  Value
                        2.3e+05 0
                        2.5e+05 1
                         85104  .


--------------------------------------------------------------------------------
obs                                  Sampled child was observed at time of visit
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                       units:  1
        unique values:  2                           missing .:  0/556496
```

```
        tabulation:  Freq.  Value
                     3.4e+05 0
                     2.2e+05 1

-------------------------------------------------------------------------------
prs                                    Sampled child was present at time of visit
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                        missing .:  335054/556496

        tabulation:  Freq.  Value
                      58200  0
                     1.6e+05 1
                     3.4e+05 .

-------------------------------------------------------------------------------
sch98v1                                School ID of sampled child in Visit 1, 1998
-------------------------------------------------------------------------------

                type:  numeric (int)
               label:  sch_label, but 75 nonmissing values are not labeled

               range:  [108,297]                    units:  1
       unique values:  75                       missing .:  0/556496

            examples:  164
                       201
                       216
                       274

-------------------------------------------------------------------------------
wgrp1                                  Sampled child was in treatment Group 1, Jan 1998
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                        missing .:  0/556496

        tabulation:  Freq.  Value
                     3.7e+05 0
                     1.9e+05 1

-------------------------------------------------------------------------------
wgrp2                                  Sampled child was in treatment Group 2, Jan 1998
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                        missing .:  0/556496

        tabulation:  Freq.  Value
```

```
                              3.6e+05 0
                              1.9e+05 1


-------------------------------------------------------------------------------
wgrp3                                Sampled child was in treatment Group 3, Jan 1998
-------------------------------------------------------------------------------

                       type:  numeric (byte)

                      range:  [0,1]                      units:  1
              unique values:  2                     missing .:  0/556496

                 tabulation:  Freq.  Value
                              3.8e+05 0
                              1.8e+05 1


-------------------------------------------------------------------------------
elg                          Indicator for boys (of any age) or girls (under 13 years)
-------------------------------------------------------------------------------

                       type:  numeric (byte)

                      range:  [0,1]                      units:  1
              unique values:  2                     missing .:  21696/556496

                 tabulation:  Freq.  Value
                              72112  0
                              4.6e+05 1
                              21696  .


-------------------------------------------------------------------------------
wgrp                                           Initial worm group, Jan 1998
-------------------------------------------------------------------------------

                       type:  numeric (byte)

                      range:  [1,3]                      units:  1
              unique values:  3                     missing .:  0/556496

                 tabulation:  Freq.  Value
                              1.9e+05 1
                              1.9e+05 2
                              1.8e+05 3


-------------------------------------------------------------------------------
std                          Standard (grade level) of sampled child at time of visit
-------------------------------------------------------------------------------

                       type:  numeric (byte)
                      label:  std_label, but 10 nonmissing values are not labeled

                      range:  [0,99]                     units:  1
              unique values:  17                    missing .:  273083/556496

                   examples:  3
                              7
                              .
```

.

```
-------------------------------------------------------------------------------
std98v1                         Standard (grade level) of sampled child in Visit 1, 1998
-------------------------------------------------------------------------------

                type:  numeric (byte)
                label:  std_label, but 10 nonmissing values are not labeled

                range:  [0,88]                     units:  1
        unique values:  15                 missing .:  80/556496

             examples:  1
                        3
                        4
                        6


-------------------------------------------------------------------------------
yrbirth                                           Year of birth of sampled child
-------------------------------------------------------------------------------

                type:  numeric (int)

                range:  [1973,1997]                units:  1
        unique values:  24                 missing .:  124128/556496

                 mean:     1986.2
             std. dev:   3.12456

          percentiles:        10%       25%       50%       75%       90%
                            1982      1984      1986      1988      1991

-------------------------------------------------------------------------------
sap1                          Sampled child was in a SAP Group 1 School, Jan 1998
-------------------------------------------------------------------------------

                type:  numeric (byte)

                range:  [0,1]                       units:  1
        unique values:  2                  missing .:  0/556496

          tabulation:  Freq.  Value
                       4.9e+05 0
                       67584  1

-------------------------------------------------------------------------------
sap2                          Sampled child was in a SAP Group 2 School, Jan 1998
-------------------------------------------------------------------------------

                type:  numeric (byte)

                range:  [0,1]                       units:  1
        unique values:  2                  missing .:  0/556496

          tabulation:  Freq.  Value
                       5.2e+05 0
                       35760  1
```

```
--------------------------------------------------------------------------------
sap3                                  Sampled child was in a SAP Group 3 School, Jan 1998
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                         missing .:  0/556496

          tabulation:  Freq.  Value
                       5.1e+05 0
                        46288 1


--------------------------------------------------------------------------------
sap4                                  Sampled child was in a SAP Group 4 School, Jan 1998
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                         missing .:  0/556496

          tabulation:  Freq.  Value
                       4.9e+05 0
                        63072 1


--------------------------------------------------------------------------------
Tmonths                                               Months Since January 1998
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [2,22]                       units:  1
       unique values:  6                         missing .:  0/556496

          tabulation:  Freq.  Value
                        34781 2
                       1.7e+05 6
                        69562 10
                        69562 14
                       1.4e+05 18
                        69562 22


--------------------------------------------------------------------------------
Isem1        Sampled child was observed within 6 months from the start of project
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                         missing .:  0/556496

          tabulation:  Freq.  Value
                       3.1e+05 0
                       2.4e+05 1
```

```
--------------------------------------------------------------------------------
Isem2                                    Sampled child was observed between 6 to 12
                                         months from the start of project
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                          units:  1
         unique values:  2                        missing .:  0/556496

            tabulation:  Freq.  Value
                         4.9e+05 0
                          69562  1


--------------------------------------------------------------------------------
Isem3           Sampled child was observed after 12 months from the start of project
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                          units:  1
         unique values:  2                        missing .:  0/556496

            tabulation:  Freq.  Value
                         3.5e+05 0
                         2.1e+05 1
```

4. Codebook for schoolvar.dta

```
--------------------------------------------------------------------------------
schid                                                                  School ID
--------------------------------------------------------------------------------

              type:  numeric (int)

             range:  [108,297]                       units:  1
     unique values:  75                         missing .:   0/75

              mean:     217.52
          std. dev:   59.4248

       percentiles:          10%        25%        50%        75%        90%
                             133        167        213        273        290


--------------------------------------------------------------------------------
pup_pop                                       Number of pupils at school, 1998
--------------------------------------------------------------------------------

              type:  numeric (int)

             range:  [14,1351]                       units:  1
     unique values:  69                         missing .:   0/75

              mean:      390.8
          std. dev:     201.36

       percentiles:          10%        25%        50%        75%        90%
                             185        251        358        526        604


--------------------------------------------------------------------------------
zoneid                                                        Geographic zone ID
--------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [1,8]                           units:  1
     unique values:  8                          missing .:   0/75

        tabulation:  Freq.   Value
                        14   1
                        10   2
                        10   3
                         4   4
                        10   5
                        11   6
                         8   7
                         8   8


--------------------------------------------------------------------------------
z_inf98        Proportion of moderate-to-heavy infections in geographic zone, 1998
--------------------------------------------------------------------------------
```

```
              type:  numeric (float)

             range:  [.22068965,.53264606]       units:  1.000e-08
     unique values:  8                         missing .:  0/75

        tabulation:  Freq.   Value
                        8   .22068965
                        8   .25506073
                       14   .27247956
                       10   .38425925
                       10   .39583334
                       11   .41836736
                        4   .5090909
                       10   .53264606

--------------------------------------------------------------------------------
distlake                                              Distance to lake, GPS
--------------------------------------------------------------------------------

              type:  numeric (float)

             range:  [0,24.742]                  units:  .001
     unique values:  68                        missing .:  1/75

              mean:  9.80239
          std. dev:  6.63026

       percentiles:       10%       25%       50%       75%       90%
                        1.077     4.684    9.1355    14.275    19.381

--------------------------------------------------------------------------------
latr_pup                                              Latrines per pupil
--------------------------------------------------------------------------------

              type:  numeric (float)

             range:  [.00074019,.01449275]       units:  1.000e-10
     unique values:  68                        missing .:  5/75

              mean:  .006741
          std. dev:  .003432

       percentiles:       10%       25%       50%       75%       90%
                      .002981   .003984   .005871    .00907   .012327

--------------------------------------------------------------------------------
mk96_s                                           School average of mock score, 1996
--------------------------------------------------------------------------------

              type:  numeric (float)

             range:  [-2.0924692,2.8503764]      units:  1.000e-09
     unique values:  75                        missing .:  0/75

              mean:  1.3e-09
          std. dev:  .831796
```

```
        percentiles:        10%        25%        50%        75%        90%
                        -1.01596   -.535649    .054507     .41115    .896889


-------------------------------------------------------------------------------
z9899_78              Zonal infection rates for students in Standards 7 and 8 in 1998
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [.19444445,.5]                units:  1.000e-08
         unique values:  8                          missing .:  0/75

            tabulation:  Freq.   Value
                            8    .19444445
                           14    .21428572
                            8    .23376623
                           10    .32380953
                           11    .40944883
                           10    .4296875
                           10    .43137255
                            4    .5


-------------------------------------------------------------------------------
z9899_34              Zonal infection rates for students in Standards 3 and 4 in 1998
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [.27972028,.82352942]         units:  1.000e-08
         unique values:  8                          missing .:  0/75

            tabulation:  Freq.   Value
                            8    .27972028
                            8    .31654677
                           14    .42292491
                           10    .52222222
                           11    .52459013
                           10    .53797466
                           10    .755
                            4    .82352942


-------------------------------------------------------------------------------
z9899_56              Zonal infection rates for students in Standards 5 and 6 in 1998
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [.22105263,.79591835]         units:  1.000e-08
         unique values:  8                          missing .:  0/75

            tabulation:  Freq.   Value
                            8    .22105263
                           14    .3018868
                            8    .31707317
                           10    .42105263
                           11    .45945945
```

```
                     10   .48076922
                     10   .63218391
                      4   .79591835


-------------------------------------------------------------------------------
wgrp                                              Treatment group number
-------------------------------------------------------------------------------

               type:   numeric (byte)

              range:   [1,3]                      units:   1
      unique values:   3                       missing .:   0/75

         tabulation:   Freq.   Value
                         25    1
                         25    2
                         25    3

-------------------------------------------------------------------------------
sch1_1km_original     Num. Group 1 schools w/in 1 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

               type:   numeric (byte)

              range:   [0,1]                      units:   1
      unique values:   2                       missing .:   0/75

         tabulation:   Freq.   Value
                         71    0
                          4    1

-------------------------------------------------------------------------------
sch2_1km_original     Num. Group 2 schools w/in 1 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

               type:   numeric (byte)

              range:   [0,1]                      units:   1
      unique values:   2                       missing .:   0/75

         tabulation:   Freq.   Value
                         69    0
                          6    1

-------------------------------------------------------------------------------
sch3_1km_original     Num. Group 3 schools w/in 1 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

               type:   numeric (byte)

              range:   [0,0]                      units:   1
      unique values:   1                       missing .:   0/75

         tabulation:   Freq.   Value
                         75    0


-------------------------------------------------------------------------------
```

```
schT_1km_original              Total schools w/in 1 km, Jan 1998 (original version)
--------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                          units:  1
           unique values:  2                          missing .:  0/75

             tabulation:  Freq.  Value
                            65  0
                            10  1


--------------------------------------------------------------------------------
pop1_1km_original                          Num. Group 1 'eligible' students w/in 1 km,
                                           Jan 1998 (original version)
--------------------------------------------------------------------------------

                    type:  numeric (float)

                   range:  [0,482.70569]                  units:  .00001
           unique values:  3                          missing .:  0/75

             tabulation:  Freq.  Value
                            71  0
                             2  284.12845
                             2  482.70569


--------------------------------------------------------------------------------
pop2_1km_original                          Num. Group 2 'eligible' students w/in 1 km,
                                           Jan 1998 (original version)
--------------------------------------------------------------------------------

                    type:  numeric (float)

                   range:  [0,392.33334]                  units:  .00001
           unique values:  4                          missing .:  0/75

             tabulation:  Freq.  Value
                            69  0
                             2  184.9617
                             2  329.37238
                             2  392.33334


--------------------------------------------------------------------------------
pop3_1km_original                          Num. Group 3 'eligible' students w/in 1 km,
                                           Jan 1998 (original version)
--------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,0]                          units:  1
           unique values:  1                          missing .:  0/75

             tabulation:  Freq.  Value
                            75  0


--------------------------------------------------------------------------------
```

```
popT_1km_original                       Total PSDP 'eligible' students w/in 1 km,
                                        Jan 1998 (original version)
-------------------------------------------------------------------------------

                type:   numeric (float)

               range:   [0,482.70569]              units:  .00001
       unique values:   6                      missing .:  0/75

          tabulation:   Freq.  Value
                         65   0
                          2   184.9617
                          2   284.12845
                          2   329.37238
                          2   392.33334
                          2   482.70569

-------------------------------------------------------------------------------
sch1_2km_original      Num. Group 1 schools w/in 2 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

                type:   numeric (byte)

               range:   [0,3]                        units:  1
       unique values:   4                      missing .:  0/75

          tabulation:   Freq.  Value
                         49   0
                         22   1
                          2   2
                          2   3

-------------------------------------------------------------------------------
sch2_2km_original      Num. Group 2 schools w/in 2 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

                type:   numeric (byte)

               range:   [0,2]                        units:  1
       unique values:   3                      missing .:  0/75

          tabulation:   Freq.  Value
                         51   0
                         18   1
                          6   2

-------------------------------------------------------------------------------
sch3_2km_original      Num. Group 3 schools w/in 2 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

                type:   numeric (byte)

               range:   [0,1]                        units:  1
       unique values:   2                      missing .:  0/75

          tabulation:   Freq.  Value
                         54   0
```

----
schT_2km_original   Total schools w/in 2 km, Jan 1998 (original version)
----

                 type: numeric (byte)

                range: [0,4]   units: 1
        unique values: 5   missing .: 0/75

            tabulation: Freq. Value
                          24   0
                          30   1
                          12   2
                           7   3
                           2   4

----
pop1_2km_original   Num. Group 1 'eligible' students w/in 2 km,
                                Jan 1998 (original version)
----

                 type: numeric (float)

                range: [0,1149.5889]   units: .00001
        unique values: 20   missing .: 0/75

                 mean: 151.217
             std. dev: 262.558

          percentiles: 10%   25%   50%   75%   90%
                               0   0   0   250.255   506.579

----
pop2_2km_original   Num. Group 2 'eligible' students w/in 2 km,
                                Jan 1998 (original version)
----

                 type: numeric (float)

                range: [0,913.52045]   units: 1.000e-06
        unique values: 20   missing .: 0/75

                 mean: 131.189
             std. dev: 230.637

          percentiles: 10%   25%   50%   75%   90%
                               0   0   0   257.485   505.762

----
pop3_2km_original   Num. Group 3 'eligible' students w/in 2 km,
                                Jan 1998 (original version)
----

                 type: numeric (float)

```
          range:  [0,609.84558]                    units:  .00001
  unique values:  14                             missing .:  0/75

           mean:  90.8004
      std. dev:  167.554

    percentiles:        10%       25%       50%       75%       90%
                          0         0         0    204.96   320.233

-------------------------------------------------------------------------------
popT_2km_original                          Total PSDP 'eligible' students w/in 2 km,
                                           Jan 1998 (original version)
-------------------------------------------------------------------------------

           type:  numeric (float)

          range:  [0,1734.2123]                    units:  .00001
  unique values:  44                             missing .:  0/75

           mean:  373.207
      std. dev:  427.067

    percentiles:        10%       25%       50%       75%       90%
                          0         0   250.255   514.234   971.794

-------------------------------------------------------------------------------
sch1_3km_original     Num. Group 1 schools w/in 3 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,4]                            units:  1
  unique values:  5                              missing .:  0/75

      tabulation:  Freq.  Value
                     26   0
                     22   1
                     19   2
                      4   3
                      4   4

-------------------------------------------------------------------------------
sch2_3km_original     Num. Group 2 schools w/in 3 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,4]                            units:  1
  unique values:  5                              missing .:  0/75

      tabulation:  Freq.  Value
                     20   0
                     29   1
                     12   2
                      9   3
                      5   4
```

```
------------------------------------------------------------------------------
sch3_3km_original      Num. Group 3 schools w/in 3 km, Jan 1998 (original version)
------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,3]                         units:  1
     unique values:  4                         missing .:  0/75

        tabulation:  Freq.  Value
                       21   0
                       35   1
                       14   2
                        5   3


------------------------------------------------------------------------------
schT_3km_original          Total schools w/in 3 km, Jan 1998 (original version)
------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,7]                         units:  1
     unique values:  8                         missing .:  0/75

        tabulation:  Freq.  Value
                        2   0
                        9   1
                        8   2
                       18   3
                       18   4
                        8   5
                        9   6
                        3   7

------------------------------------------------------------------------------
pop1_3km_original                          Num. Group 1 'eligible' students w/in 3 km,
                                           Jan 1998 (original version)
------------------------------------------------------------------------------

              type:  numeric (float)

             range:  [0,1548.9639]                 units:  .00001
     unique values:  35                        missing .:  0/75

              mean:  404.619
          std. dev:  422.244

       percentiles:        10%       25%       50%       75%       90%
                             0         0   323.339   668.323   1067.26

------------------------------------------------------------------------------
pop2_3km_original                          Num. Group 2 'eligible' students w/in 3 km,
                                           Jan 1998 (original version)
------------------------------------------------------------------------------

              type:  numeric (float)
```

```
          range:  [0,2385.3342]                    units:  1.000e-06
  unique values:  42                          missing .:  0/75

           mean:   501.335
      std. dev:   557.797

    percentiles:         10%        25%        50%        75%        90%
                           0          0     460.137    734.525    1236.04

--------------------------------------------------------------------------------
pop3_3km_original                          Num. Group 3 'eligible' students w/in 3 km,
                                           Jan 1998 (original version)
--------------------------------------------------------------------------------

           type:  numeric (float)

          range:  [0,1098.632]                     units:  1.000e-06
  unique values:  35                          missing .:  0/75

           mean:   342.444
      std. dev:   316.256

    percentiles:         10%        25%        50%        75%        90%
                           0          0     219.773    590.372    826.439

--------------------------------------------------------------------------------
popT_3km_original                          Total PSDP 'eligible' students w/in 3 km,
                                           Jan 1998 (original version)
--------------------------------------------------------------------------------

           type:  numeric (float)

          range:  [0,3053.6567]                     units:  .00001
  unique values:  68                          missing .:  0/75

           mean:    1248.4
      std. dev:   722.018

    percentiles:         10%        25%        50%        75%        90%
                       257.485    786.221    1185.46    1734.21    2286.44

--------------------------------------------------------------------------------
sch1_4km_original     Num. Group 1 schools w/in 4 km, Jan 1998 (original version)
--------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,5]                             units:  1
  unique values:  6                           missing .:  0/75

     tabulation:  Freq.  Value
                     8   0
                    21   1
                    21   2
                    15   3
                     6   4
                     4   5
```

```
--------------------------------------------------------------------------------
sch2_4km_original      Num. Group 2 schools w/in 4 km, Jan 1998 (original version)
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,6]                          units:  1
        unique values:  7                         missing .:  0/75

           tabulation:  Freq.  Value
                            8  0
                           26  1
                           18  2
                           11  3
                            8  4
                            3  5
                            1  6

--------------------------------------------------------------------------------
sch3_4km_original      Num. Group 3 schools w/in 4 km, Jan 1998 (original version)
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,5]                          units:  1
        unique values:  6                         missing .:  0/75

           tabulation:  Freq.  Value
                            9  0
                           23  1
                           24  2
                            9  3
                            8  4
                            2  5

--------------------------------------------------------------------------------
schT_4km_original         Total schools w/in 4 km, Jan 1998 (original version)
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [1,11]                         units:  1
        unique values:  11                        missing .:  0/75

                 mean:  5.86667
             std. dev:  2.23808

          percentiles:       10%       25%       50%       75%       90%
                               3         4         6         8         8

--------------------------------------------------------------------------------
pop1_4km_original                      Num. Group 1 'eligible' students w/in 4 km,
                                       Jan 1998 (original version)
--------------------------------------------------------------------------------

                 type:  numeric (float)
```

```
        range:  [0,1793.7638]                  units:  .00001
unique values:  48                        missing .:  0/75

         mean:  698.523
    std. dev:  485.993

  percentiles:        10%       25%       50%       75%       90%
                        0   376.591   638.155   1072.44   1372.04

-------------------------------------------------------------------------
pop2_4km_original                        Num. Group 2 'eligible' students w/in 4 km,
                                         Jan 1998 (original version)
-------------------------------------------------------------------------

         type:  numeric (float)

        range:  [0,2926.8748]                  units:  1.000e-06
unique values:  47                        missing .:  0/75

         mean:  706.579
    std. dev:  643.952

  percentiles:        10%       25%       50%       75%       90%
                        0   181.594   584.623   976.957   1326.35

-------------------------------------------------------------------------
pop3_4km_original                        Num. Group 3 'eligible' students w/in 4 km,
                                         Jan 1998 (original version)
-------------------------------------------------------------------------

         type:  numeric (float)

        range:  [0,1913.4375]                  units:  1.000e-06
unique values:  49                        missing .:  0/75

         mean:  618.476
    std. dev:  462.378

  percentiles:        10%       25%       50%       75%       90%
                        0   314.759   536.191   869.786   1206.52

-------------------------------------------------------------------------
popT_4km_original                        Total PSDP 'eligible' students w/in 4 km,
                                         Jan 1998 (original version)
-------------------------------------------------------------------------

         type:  numeric (float)

        range:  [124.2,3994.096]                units:  .00001
unique values:  70                        missing .:  0/75

         mean:  2023.58
    std. dev:   933.49

  percentiles:        10%       25%       50%       75%       90%
                  823.831   1344.52   2008.01   2762.79   3338.31
```

```
--------------------------------------------------------------------------------
sch1_5km_original      Num. Group 1 schools w/in 5 km, Jan 1998 (original version)
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,7]                        units:  1
        unique values:  8                       missing .:  0/75

           tabulation:  Freq.  Value
                            4  0
                            6  1
                           18  2
                           22  3
                           12  4
                            7  5
                            1  6
                            5  7

--------------------------------------------------------------------------------
sch2_5km_original      Num. Group 2 schools w/in 5 km, Jan 1998 (original version)
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,7]                        units:  1
        unique values:  8                       missing .:  0/75

           tabulation:  Freq.  Value
                            1  0
                            9  1
                           20  2
                           17  3
                           14  4
                           10  5
                            3  6
                            1  7

--------------------------------------------------------------------------------
sch3_5km_original      Num. Group 3 schools w/in 5 km, Jan 1998 (original version)
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,6]                        units:  1
        unique values:  7                       missing .:  0/75

           tabulation:  Freq.  Value
                            2  0
                           10  1
                           18  2
                           18  3
                           18  4
                            7  5
                            2  6
```

```
-------------------------------------------------------------------------------
schT_5km_original            Total schools w/in 5 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [2,11]                        units:  1
       unique values:  9                         missing .:  0/75

          tabulation:  Freq.  Value
                          2   2
                          2   3
                          1   5
                          4   6
                          7   7
                         10   8
                          9   9
                          7   10
                         33   11

-------------------------------------------------------------------------------
pop1_5km_original                         Num. Group 1 'eligible' students w/in 5 km,
                                          Jan 1998 (original version)
-------------------------------------------------------------------------------

                type:  numeric (float)

               range:  [0,2835.7256]                 units:  .00001
       unique values:  54                        missing .:  0/75

                mean:  1095.31
            std. dev:  628.579

         percentiles:        10%       25%       50%       75%       90%
                         323.339   668.323   1058.17   1384.39   1856.05

-------------------------------------------------------------------------------
pop2_5km_original                         Num. Group 2 'eligible' students w/in 5 km,
                                          Jan 1998 (original version)
-------------------------------------------------------------------------------

                type:  numeric (float)

               range:  [0,2941.5718]                 units:  .00001
       unique values:  56                        missing .:  0/75

                mean:  1097.77
            std. dev:  685.189

         percentiles:        10%       25%       50%       75%       90%
                         257.485   722.799   1020.11   1326.35   1815.88

-------------------------------------------------------------------------------
pop3_5km_original                         Num. Group 3 'eligible' students w/in 5 km,
                                          Jan 1998 (original version)
-------------------------------------------------------------------------------
```

```
            type:  numeric (float)

           range:  [0,1919.5248]                     units:  1.000e-06
   unique values:  60                            missing .:  0/75

            mean:  986.562
       std. dev:  516.519

    percentiles:        10%        25%        50%        75%        90%
                     279.414    590.372    973.272    1443.66    1768.08

--------------------------------------------------------------------------------
popT_5km_original                        Total PSDP 'eligible' students w/in 5 km,
                                         Jan 1998 (original version)
--------------------------------------------------------------------------------

            type:  numeric (float)

           range:  [463.1651,4684.27]                units:  .00001
   unique values:  70                            missing .:  0/75

            mean:  3179.65
       std. dev:  978.391

    percentiles:        10%        25%        50%        75%        90%
                     1714.73    2558.11    3358.79    3874.61    4285.49

--------------------------------------------------------------------------------
sch1_6km_original     Num. Group 1 schools w/in 6 km, Jan 1998 (original version)
--------------------------------------------------------------------------------

            type:  numeric (byte)

           range:  [0,7]                             units:  1
   unique values:  8                             missing .:  0/75

      tabulation:  Freq.  Value
                      2   0
                      7   1
                     13   2
                     24   3
                     13   4
                      9   5
                      2   6
                      5   7

--------------------------------------------------------------------------------
sch2_6km_original     Num. Group 2 schools w/in 6 km, Jan 1998 (original version)
--------------------------------------------------------------------------------

            type:  numeric (byte)

           range:  [0,7]                             units:  1
   unique values:  8                             missing .:  0/75

      tabulation:  Freq.  Value
                      1   0
```

```
                         3   1
                        15   2
                        19   3
                        17   4
                        15   5
                         3   6
                         2   7

-------------------------------------------------------------------------------
sch3_6km_original      Num. Group 3 schools w/in 6 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,6]                        units:  1
        unique values:  7                          missing .:  0/75

           tabulation:  Freq.  Value
                         1   0
                         3   1
                        19   2
                        20   3
                        16   4
                        11   5
                         5   6

-------------------------------------------------------------------------------
schT_6km_original        Total schools w/in 6 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [5,11]                       units:  1
        unique values:  7                          missing .:  0/75

           tabulation:  Freq.  Value
                         3   5
                         1   6
                         3   7
                         4   8
                         4   9
                         6  10
                        54  11

-------------------------------------------------------------------------------
pop1_6km_original                      Num. Group 1 'eligible' students w/in 6 km,
                                       Jan 1998 (original version)
-------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [0,2835.7256]                units:  .00001
        unique values:  56                         missing .:  0/75

                 mean:   1193.35
             std. dev:   611.46
```

```
           percentiles:       10%       25%       50%       75%       90%
                          386.822   861.072   1167.01   1574.67   1929.77

--------------------------------------------------------------------------------
pop2_6km_original                         Num. Group 2 'eligible' students w/in 6 km,
                                          Jan 1998 (original version)
--------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [0,2941.5718]              units:  .00001
         unique values:  59                         missing .:  0/75

                  mean:  1267.77
             std. dev:  639.146

           percentiles:       10%       25%       50%       75%       90%
                          584.623   890.214   1177.99   1580.36   2178.26

--------------------------------------------------------------------------------
pop3_6km_original                         Num. Group 3 'eligible' students w/in 6 km,
                                          Jan 1998 (original version)
--------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [0,2402.3503]              units:  .00001
         unique values:  60                         missing .:  0/75

                  mean:  1152.79
             std. dev:  532.898

           percentiles:       10%       25%       50%       75%       90%
                          540.006   789.038   1048.72   1545.48   1903.63

--------------------------------------------------------------------------------
popT_6km_original                         Total PSDP 'eligible' students w/in 6 km,
                                          Jan 1998 (original version)
--------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [1904.4822,5055.9688]       units:  .0001
         unique values:  70                         missing .:  0/75

                  mean:  3613.92
             std. dev:  740.432

           percentiles:       10%       25%       50%       75%       90%
                          2389.98   3274.79   3614.39   4175.69   4458.67

--------------------------------------------------------------------------------
sch1_36k_original    Num. Group 1 schools w/in 3-6 km, Jan 1998 (original version)
--------------------------------------------------------------------------------

                  type:  numeric (byte)
```

```
              range:  [0,6]                          units:  1
      unique values:  7                          missing .:  0/75

        tabulation:  Freq.  Value
                        7   0
                       17   1
                       27   2
                       11   3
                        9   4
                        3   5
                        1   6

-------------------------------------------------------------------------------
sch2_36k_original    Num. Group 2 schools w/in 3-6 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,5]                          units:  1
      unique values:  6                          missing .:  0/75

        tabulation:  Freq.  Value
                        6   0
                       21   1
                       17   2
                       18   3
                        9   4
                        4   5

-------------------------------------------------------------------------------
sch3_36k_original    Num. Group 3 schools w/in 3-6 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,6]                          units:  1
      unique values:  7                          missing .:  0/75

        tabulation:  Freq.  Value
                        2   0
                       15   1
                       34   2
                       12   3
                        8   4
                        3   5
                        1   6

-------------------------------------------------------------------------------
schT_36k_original         Total schools w/in 36 km, Jan 1998 (original version)
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [2,10]                         units:  1
      unique values:  9                          missing .:  0/75

        tabulation:  Freq.  Value
```

```
                             1   2
                             2   3
                             8   4
                            13   5
                             8   6
                            15   7
                            16   8
                             8   9
                             4  10
```

----
pop1_36k_original   Num. Group 1 school 'eligible' students
                                           w/in 3-6 km, Jan 1998 (original version)
----

                  type: numeric (float)

                 range: [0,1997.3602]   units: .00001
         unique values: 57   missing .: 0/75

                  mean: 788.734
              std. dev: 500.884

           percentiles: 10%   25%   50%   75%   90%
                          214.178   420.016   756.833   1113.1   1680.2

----
pop2_36k_original   Num. Group 2 school 'eligible' students
                                           w/in 3-6 km, Jan 1998 (original version)
----

                  type: numeric (float)

                 range: [0,2163.562]   units: .00001
         unique values: 59   missing .: 0/75

                  mean: 766.435
              std. dev: 515.945

           percentiles: 10%   25%   50%   75%   90%
                           28.697   403.143   607.427   1124.24   1485.81

----
pop3_36k_original   Num. Group 3 school 'eligible' students
                                           w/in 3-6 km, Jan 1998 (original version)
----

                  type: numeric (float)

                 range: [0,2223.0359]   units: .00001
         unique values: 61   missing .: 0/75

                  mean: 810.35
              std. dev: 466.847

           percentiles: 10%   25%   50%   75%   90%
                          279.414   536.191   666.51   1043.69   1512.38
```

```
-------------------------------------------------------------------------------
popT_36k_original                          Total PSDP 'eligible' students w/in 3-6 km,
                                           Jan 1998 (original version)
-------------------------------------------------------------------------------

                type:  numeric (float)

              range:  [831.32666,3977.9795]        units:  .00001
      unique values:  70                        missing .:  0/75

               mean:  2365.52
           std. dev:  731.462

        percentiles:       10%       25%       50%       75%       90%
                       1391.37   1732.91    2440.6   2816.99   3382.05


-------------------------------------------------------------------------------
schT_1km_updated               Total schools w/in 1 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                type:  numeric (byte)

              range:  [0,1]                          units:  1
      unique values:  2                         missing .:  0/75

        tabulation:  Freq.  Value
                       65  0
                       10  1

-------------------------------------------------------------------------------
popT_1km_updated                           Total PSDP 'eligible' students w/in 1 km,
                                           Jan 1998 (updated version)
-------------------------------------------------------------------------------

                type:  numeric (float)

              range:  [0,584.6234]                   units:  .0001
      unique values:  11                        missing .:  0/75

               mean:  46.5387
           std. dev:  127.247

        percentiles:       10%       25%       50%       75%       90%
                             0         0         0         0     244.8


-------------------------------------------------------------------------------
schT_2km_updated               Total schools w/in 2 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                type:  numeric (byte)

              range:  [0,4]                          units:  1
      unique values:  5                         missing .:  0/75

        tabulation:  Freq.  Value
                       23  0
```

```
                             31   1
                             12   2
                              7   3
                              2   4


-------------------------------------------------------------------------------
popT_2km_updated                          Total PSDP 'eligible' students w/in 2 km,
                                          Jan 1998 (updated version)
-------------------------------------------------------------------------------

                type:  numeric (float)

               range:  [0,1734.2123]                 units:  .00001
       unique values:  49                          missing .:  0/75

                mean:    383.25
            std. dev:    425.331

         percentiles:        10%        25%        50%        75%        90%
                              0          0     250.255    590.372    1012.34


-------------------------------------------------------------------------------
schT_3km_updated               Total schools w/in 3 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,7]                          units:  1
       unique values:  8                            missing .:  0/75

          tabulation:  Freq.  Value
                          2   0
                          9   1
                          8   2
                         17   3
                         18   4
                          9   5
                          9   6
                          3   7

-------------------------------------------------------------------------------
popT_3km_updated                          Total PSDP 'eligible' students w/in 3 km,
                                          Jan 1998 (updated version)
-------------------------------------------------------------------------------

                type:  numeric (float)

               range:  [0,3053.657]                  units:  .00001
       unique values:  73                          missing .:  0/75

                mean:   1264.56
            std. dev:    731.22

         percentiles:        10%        25%        50%        75%        90%
                          257.485    786.221    1215.66    1734.21    2232.77


-------------------------------------------------------------------------------
```

```
schT_4km_updated              Total schools w/in 4 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [1,11]                        units:  1
         unique values:  10                         missing .:  0/75

                  mean:      6.56
             std. dev:  2.33794

           percentiles:        10%        25%        50%        75%        90%
                                 4          5          7          8          10


-------------------------------------------------------------------------------
popT_4km_updated                        Total PSDP 'eligible' students w/in 4 km,
                                        Jan 1998 (updated version)
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [124.2,3994.096]              units:  .00001
         unique values:  75                         missing .:  0/75

                  mean:   2304.74
             std. dev:   996.771

           percentiles:        10%        25%        50%        75%        90%
                             1063.47    1499.12    2336.05    3121.64    3645.54


-------------------------------------------------------------------------------
schT_5km_updated              Total schools w/in 5 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [2,17]                        units:  1
         unique values:  14                         missing .:  0/75

                  mean:     10.08
             std. dev:  3.28699

           percentiles:        10%        25%        50%        75%        90%
                                 6          8         10         12          14


-------------------------------------------------------------------------------
popT_5km_updated                        Total PSDP 'eligible' students w/in 5 km,
                                        Jan 1998 (updated version)
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [463.1651,6208.0171]          units:  .00001
         unique values:  75                         missing .:  0/75

                  mean:   3504.54
             std. dev:   1273.54
```

```
          percentiles:       10%        25%        50%        75%        90%
                          1714.73    2613.44    3587.42    4390.09    5139.21


-------------------------------------------------------------------------------
schT_6km_updated              Total schools w/in 6 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [5,21]                        units:  1
        unique values:  17                       missing .:  0/75

                 mean:      13.36
             std. dev:  3.94777

          percentiles:       10%        25%        50%        75%        90%
                             8         10         13         17         18


-------------------------------------------------------------------------------
popT_6km_updated                         Total PSDP 'eligible' students w/in 6 km,
                                         Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [1904.4819,7314.6338]       units:  .0001
        unique values:  75                       missing .:  0/75

                 mean:   4662.27
             std. dev:   1414.23

          percentiles:       10%        25%        50%        75%        90%
                          2430.21    3593.26    4738.13    5767.73    6561.33


-------------------------------------------------------------------------------
sch1_1km_updated          Num. Grp 1 schools w/in 1 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                         units:  1
        unique values:  2                        missing .:  0/75

           tabulation:  Freq.  Value
                          71  0
                           4  1


-------------------------------------------------------------------------------
pop1_1km_updated                         Num. Grp 1 'eligible' students w/in 1 km,
                                         Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [0,482.7057]                  units:  .0001
        unique values:  5                        missing .:  0/75
```

```
           tabulation:  Freq.  Value
                          71   0
                           1   244.8
                           1   284.12839
                           1   377.2283
                           1   482.70569

-------------------------------------------------------------------------------
sch1_2km_updated        Num. Grp 1 schools w/in 2 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,3]                      units:  1
        unique values:  4                      missing .:  0/75

           tabulation:  Freq.  Value
                          47   0
                          25   1
                           2   2
                           1   3

-------------------------------------------------------------------------------
pop1_2km_updated                       Num. Grp 1 'eligible' students w/in 2 km,
                                       Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [0,1149.5889]              units:  .00001
        unique values:  22                     missing .:  0/75

                 mean:  149.286
             std. dev:  235.82

          percentiles:      10%      25%      50%       75%       90%
                             0        0        0   272.078   482.706

-------------------------------------------------------------------------------
sch1_3km_updated        Num. Grp 1 schools w/in 3 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,4]                      units:  1
        unique values:  5                      missing .:  0/75

           tabulation:  Freq.  Value
                          25   0
                          23   1
                          19   2
                           5   3
                           3   4

-------------------------------------------------------------------------------
pop1_3km_updated                       Num. Grp 1 'eligible' students w/in 3 km,
```

----

                 type: numeric (float)

                range: [0,1548.9639]   units: .00001
       unique values: 38   missing .:   0/75

                 mean: 402.688
            std. dev: 407.227

          percentiles: 10%   25%   50%   75%   90%
                                0   0   376.591   666.883   1067.26

----
sch1_4km_updated   Num. Grp 1 schools w/in 4 km, Jan 1998 (updated version)
----

                 type: numeric (byte)

                range: [0,6]   units: 1
       unique values: 7   missing .:   0/75

          tabulation: Freq.   Value
                           7   0
                          19   1
                          20   2
                          15   3
                           9   4
                           4   5
                           1   6

----
pop1_4km_updated   Num. Grp 1 'eligible' students w/in 4 km,
                                        Jan 1998 (updated version)
----

                 type: numeric (float)

                range: [0,2300.3428]   units: .00001
       unique values: 53   missing .:   0/75

                 mean: 773.718
            std. dev: 530.791

          percentiles: 10%   25%   50%   75%   90%
                              136.568   376.591   689.905   1134.13   1556.14

----
sch1_5km_updated   Num. Grp 1 schools w/in 5 km, Jan 1998 (updated version)
----

                 type: numeric (byte)

                range: [0,8]   units: 1
       unique values: 9   missing .:   0/75

```
           tabulation:  Freq.  Value
                         4   0
                         4   1
                        17   2
                        15   3
                        16   4
                         9   5
                         2   6
                         6   7
                         2   8

-------------------------------------------------------------------------------
pop1_5km_updated                         Num. Grp 1 'eligible' students w/in 5 km,
                                         Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [0,2969.3049]              units:  .00001
        unique values:  60                      missing .:  0/75

                 mean:  1215.29
             std. dev:  701.531

          percentiles:        10%       25%       50%       75%       90%
                          386.822   668.322   1134.13   1614.59   2171.19

-------------------------------------------------------------------------------
sch1_6km_updated          Num. Grp 1 schools w/in 6 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,9]                      units:  1
        unique values:  10                      missing .:  0/75

                 mean:     4.48
             std. dev:  2.17081

          percentiles:        10%       25%       50%       75%       90%
                              2         3         5         6         8

-------------------------------------------------------------------------------
pop1_6km_updated                         Num. Grp 1 'eligible' students w/in 6 km,
                                         Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [0,3284.1218]              units:  .00001
        unique values:  66                      missing .:  0/75

                 mean:  1568.66
             std. dev:  777.274

          percentiles:        10%       25%       50%       75%       90%
                          420.016   1000.42   1594.77   1993.43   2679.62
```

```
-------------------------------------------------------------------------------
sch2_1km_updated            Num. Grp 2 schools w/in 1 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                           units:  1
        unique values:  2                         missing .:  0/75

            tabulation:  Freq.  Value
                          70   0
                           5   1


-------------------------------------------------------------------------------
pop2_1km_updated                        Num. Grp 2 'eligible' students w/in 1 km,
                                        Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [0,584.6234]                    units:  .0001
        unique values:  6                         missing .:  0/75

            tabulation:  Freq.  Value
                          70   0
                           1   184.9617
                           1   329.37241
                           1   392.33331
                           1   405.28809
                           1   584.62341


-------------------------------------------------------------------------------
sch2_2km_updated            Num. Grp 2 schools w/in 2 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,2]                           units:  1
        unique values:  3                         missing .:  0/75

            tabulation:  Freq.  Value
                          51   0
                          19   1
                           5   2


-------------------------------------------------------------------------------
pop2_2km_updated                        Num. Grp 2 'eligible' students w/in 2 km,
                                        Jan 1998 (updated version)
-------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [0,913.52051]                   units:  .00001
        unique values:  22                        missing .:  0/75

                 mean:   132.299
```

```
            std. dev:    228.301

         percentiles:        10%        25%        50%        75%        90%
                               0          0          0    257.485    565.145

-------------------------------------------------------------------------------
sch2_3km_updated          Num. Grp 2 schools w/in 3 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                type:    numeric (byte)

               range:    [0,4]                          units:  1
       unique values:    5                            missing .:  0/75

          tabulation:    Freq.  Value
                          20   0
                          29   1
                          12   2
                          10   3
                           4   4

-------------------------------------------------------------------------------
pop2_3km_updated                          Num. Grp 2 'eligible' students w/in 3 km,
                                          Jan 1998 (updated version)
-------------------------------------------------------------------------------

                type:    numeric (float)

               range:    [0,2385.3345]                  units:  .00001
       unique values:    44                           missing .:  0/75

                mean:    502.445
            std. dev:    545.655

         percentiles:        10%        25%        50%        75%        90%
                               0          0     465.97    736.098    1236.04

-------------------------------------------------------------------------------
sch2_4km_updated          Num. Grp 2 schools w/in 4 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

                type:    numeric (byte)

               range:    [0,6]                          units:  1
       unique values:    7                            missing .:  0/75

          tabulation:    Freq.  Value
                           3   0
                          26   1
                          19   2
                          15   3
                           7   4
                           3   5
                           2   6

-------------------------------------------------------------------------------
pop2_4km_updated                          Num. Grp 2 'eligible' students w/in 4 km,
```

----

                type: numeric (float)

               range: [0,2926.8755]   units: .00001
       unique values: 55   missing .: 0/75

                mean: 806.35
            std. dev: 634.425

         percentiles: 10%   25%   50%   75%   90%
                          28.697   293.723   722.799   1128.09   1594.06

----
sch2_5km_updated   Num. Grp 2 schools w/in 5 km, Jan 1998 (updated version)
----

                type: numeric (byte)

               range: [1,7]   units: 1
       unique values: 7   missing .: 0/75

          tabulation: Freq. Value
                          9   1
                         18   2
                         14   3
                         15   4
                         15   5
                          3   6
                          1   7

----
pop2_5km_updated   Num. Grp 2 'eligible' students w/in 5 km,
                                        Jan 1998 (updated version)
----

                type: numeric (float)

               range: [28.69697,2941.5723]   units: .00001
       unique values: 59   missing .: 0/75

                mean: 1184.9
            std. dev: 684.953

         percentiles: 10%   25%   50%   75%   90%
                         270.128   763.313   1128.09   1594.06   1980.6

----
sch2_6km_updated   Num. Grp 2 schools w/in 6 km, Jan 1998 (updated version)
----

                type: numeric (byte)

               range: [1,7]   units: 1
       unique values: 7   missing .: 0/75

```
        tabulation:  Freq.  Value
                        3   1
                        7   2
                       15   3
                       10   4
                       20   5
                       15   6
                        5   7

-------------------------------------------------------------------------------
pop2_6km_updated                        Num. Grp 2 'eligible' students w/in 6 km,
                                        Jan 1998 (updated version)
-------------------------------------------------------------------------------

              type:  numeric (float)

             range:  [28.69697,2941.5723]        units:  .00001
     unique values:  64                     missing .:  0/75

              mean:  1556.35
         std. dev:  662.509

       percentiles:        10%       25%       50%       75%       90%
                       763.313   1115.44   1570.45   1990.14   2414.03

-------------------------------------------------------------------------------
sch3_1km_updated      Num. Grp 3 schools w/in 1 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                        units:  1
     unique values:  2                      missing .:  0/75

        tabulation:  Freq.  Value
                       74   0
                        1   1

-------------------------------------------------------------------------------
pop3_1km_updated                        Num. Grp 3 'eligible' students w/in 1 km,
                                        Jan 1998 (updated version)
-------------------------------------------------------------------------------

              type:  numeric (float)

             range:  [0,204.96]                   units:  .01
     unique values:  2                      missing .:  0/75

        tabulation:  Freq.  Value
                       74   0
                        1   204.96001

-------------------------------------------------------------------------------
sch3_2km_updated       Num. Grp 3 schools w/in 2 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

              type:  numeric (byte)
```

```
           range:  [0,1]                              units:  1
   unique values:  2                          missing .:   0/75

     tabulation:  Freq.  Value
                    52  0
                    23  1

-------------------------------------------------------------------------------
pop3_2km_updated                        Num. Grp 3 'eligible' students w/in 2 km,
                                        Jan 1998 (updated version)
-------------------------------------------------------------------------------

            type:  numeric (float)

           range:  [0,609.8456]                  units:  .0001
   unique values:  14                         missing .:   0/75

            mean:  101.664
        std. dev:  177.619

     percentiles:       10%      25%      50%      75%      90%
                          0        0        0   204.96  338.965

-------------------------------------------------------------------------------
sch3_3km_updated        Num. Grp 3 schools w/in 3 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

            type:  numeric (byte)

           range:  [0,3]                              units:  1
   unique values:  4                          missing .:   0/75

     tabulation:  Freq.  Value
                    19  0
                    36  1
                    15  2
                     5  3

-------------------------------------------------------------------------------
pop3_3km_updated                        Num. Grp 3 'eligible' students w/in 3 km,
                                        Jan 1998 (updated version)
-------------------------------------------------------------------------------

            type:  numeric (float)

           range:  [0,1098.6318]                 units:  .00001
   unique values:  36                         missing .:   0/75

            mean:  359.424
        std. dev:  322.393

     percentiles:       10%      25%      50%      75%      90%
                          0        0  219.773  590.372  848.673

-------------------------------------------------------------------------------
sch3_4km_updated         Num. Grp 3 schools w/in 4 km, Jan 1998 (updated version)
```

```
--------------------------------------------------------------------------------
                 type:  numeric (byte)

                range:  [0,5]                        units:  1
        unique values:  6                        missing .:  0/75

            tabulation:  Freq.  Value
                           6   0
                          20   1
                          20   2
                          16   3
                          11   4
                           2   5

--------------------------------------------------------------------------------
pop3_4km_updated                        Num. Grp 3 'eligible' students w/in 4 km,
                                        Jan 1998 (updated version)
--------------------------------------------------------------------------------
                 type:  numeric (float)

                range:  [0,1913.4374]               units:  .00001
        unique values:  55                       missing .:  0/75

                 mean:   724.675
            std. dev:   485.624

          percentiles:       10%       25%       50%       75%       90%
                          168.433   359.398    666.51   1118.52   1329.04

--------------------------------------------------------------------------------
sch3_5km_updated          Num. Grp 3 schools w/in 5 km, Jan 1998 (updated version)
--------------------------------------------------------------------------------
                 type:  numeric (byte)

                range:  [0,8]                        units:  1
        unique values:  9                        missing .:  0/75

            tabulation:  Freq.  Value
                           1   0
                          10   1
                          13   2
                          20   3
                          17   4
                           6   5
                           4   6
                           3   7
                           1   8

--------------------------------------------------------------------------------
pop3_5km_updated                        Num. Grp 3 'eligible' students w/in 5 km,
                                        Jan 1998 (updated version)
--------------------------------------------------------------------------------
                 type:  numeric (float)
```

```
            range:  [0,2841.9634]                    units:  .00001
    unique values:  61                             missing .:  0/75

             mean:  1104.35
        std. dev:  607.986

      percentiles:        10%       25%       50%       75%       90%
                      338.965   685.612   1089.16   1545.48    1794.5

--------------------------------------------------------------------------------
sch3_6km_updated        Num. Grp 3 schools w/in 6 km, Jan 1998 (updated version)
--------------------------------------------------------------------------------

             type:  numeric (byte)

            range:  [1,9]                            units:  1
    unique values:  9                              missing .:  0/75

       tabulation:  Freq.  Value
                       2   1
                      12   2
                      12   3
                      11   4
                      13   5
                      14   6
                       6   7
                       3   8
                       2   9

--------------------------------------------------------------------------------
pop3_6km_updated                         Num. Grp 3 'eligible' students w/in 6 km,
                                         Jan 1998 (updated version)
--------------------------------------------------------------------------------

             type:  numeric (float)

            range:  [168.4328,2909.386]              units:  .00001
    unique values:  67                             missing .:  0/75

             mean:  1537.27
        std. dev:  681.967

      percentiles:        10%       25%       50%       75%       90%
                      726.411   986.743   1507.87   2011.09   2453.69

--------------------------------------------------------------------------------
schT_36k_updated        Total schools w/in 36 km, Jan 1998 (updated version)
--------------------------------------------------------------------------------

             type:  numeric (byte)

            range:  [3,20]                           units:  1
    unique values:  16                             missing .:  0/75

             mean:  9.78667
        std. dev:   3.6104
```

```
         percentiles:        10%       25%       50%       75%       90%
                               5         7        10        13        14

-------------------------------------------------------------------------------
popT_36k_updated                          Total PSDP 'eligible' students w/in 3-6 km,
                                          Jan 1998 (updated version)
-------------------------------------------------------------------------------

               type:  numeric (float)

              range:  [831.3265,6275.6489]       units:  .0001
      unique values:  70                         missing .:  0/75

               mean:  3397.71
          std. dev:  1280.49

         percentiles:        10%       25%       50%       75%       90%
                           1672.1   2452.02    3307.4   4328.57   5181.58

-------------------------------------------------------------------------------
sch1_36k_updated     Num. Group 1 schools w/in 3-6 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,9]                       units:  1
      unique values:  10                         missing .:  0/75

               mean:  3.30667
          std. dev:  1.99305

         percentiles:        10%       25%       50%       75%       90%
                               1         2         3         4         6

-------------------------------------------------------------------------------
pop1_36k_updated                          Num. Group 1 'eligible' students w/in 3-6
                                          km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

               type:  numeric (float)

              range:  [0,2977.7476]               units:  .00001
      unique values:  61                         missing .:  0/75

               mean:  1165.97
          std. dev:  702.828

         percentiles:        10%       25%       50%       75%       90%
                           291.094   555.723   1115.71   1642.28   2174.95

-------------------------------------------------------------------------------
sch2_36k_updated     Num. Group 2 schools w/in 3-6 km, Jan 1998 (updated version)
-------------------------------------------------------------------------------

               type:  numeric (byte)
```

```
              range:  [0,6]                              units:  1
      unique values:  7                          missing .:  0/75

         tabulation:  Freq.  Value
                         1   0
                        12   1
                        15   2
                        19   3
                        14   4
                        11   5
                         3   6

---------------------------------------------------------------------------------
pop2_36k_updated                          Num. Group 2 'eligible' students w/in 3-6
                                          km, Jan 1998 (updated version)
---------------------------------------------------------------------------------

               type:  numeric (float)

              range:  [0,2409.1533]                     units:  .00001
      unique values:  66                         missing .:  0/75

               mean:    1053.9
           std. dev:    576.49

        percentiles:       10%        25%        50%        75%        90%
                       392.333    541.541    1003.64    1471.81    1894.3

---------------------------------------------------------------------------------
sch3_36k_updated      Num. Group 3 schools w/in 3-6 km, Jan 1998 (updated version)
---------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,7]                              units:  1
      unique values:  8                          missing .:  0/75

         tabulation:  Freq.  Value
                         1   0
                        12   1
                        15   2
                        10   3
                        12   4
                        14   5
                         9   6
                         2   7

---------------------------------------------------------------------------------
pop3_36k_updated                          Num. Group 3 'eligible' students w/in 3-6
                                          km, Jan 1998 (updated version)
---------------------------------------------------------------------------------

               type:  numeric (float)

              range:  [0,2730.0718]                     units:  .00001
      unique values:  63                         missing .:  0/75
```

```
      mean:    1177.84
 std. dev:    623.128

percentiles:          10%        25%        50%        75%        90%
                  433.849     666.51    1117.67    1695.03    2039.71
```

5. Codebook for wormed.dta

```
-------------------------------------------------------------------------------
pupid                                                           Pupil ID Number
-------------------------------------------------------------------------------

                type:  numeric (long)

               range:  [1092003,9097400]         units:  1
       unique values:  4018                      missing .:  0/4018

                mean:   2.2e+06
            std. dev:   637287

         percentiles:        10%       25%       50%       75%       90%
                         1.2e+06   1.7e+06   2.2e+06   2.7e+06   2.9e+06


-------------------------------------------------------------------------------
hw98_a                                      Hookworm eggs/50 mg, Reader A 1998
-------------------------------------------------------------------------------

                type:  numeric (int)

               range:  [0,1000]                  units:  1
       unique values:  159                       missing .:  2124/4018

                mean:   21.2302
            std. dev:   53.683

         percentiles:        10%       25%       50%       75%       90%
                           0         0         5        20        55


-------------------------------------------------------------------------------
sm98_a                                    S. mansoni eggs/50 mg, Reader A 1998
-------------------------------------------------------------------------------

                type:  numeric (int)

               range:  [0,440]                   units:  1
       unique values:  86                        missing .:  2124/4018

                mean:   4.64467
            std. dev:   22.3377

         percentiles:        10%       25%       50%       75%       90%
                           0         0         0         0         6


-------------------------------------------------------------------------------
al98_a                                     Roundworm eggs/50 mg, Reader A 1998
-------------------------------------------------------------------------------

                type:  numeric (int)

               range:  [0,1033]                  units:  1
```

```
          unique values:  317                        missing .:  2124/4018

                   mean:   117.344
              std. dev:   261.119

            percentiles:        10%       25%       50%       75%       90%
                                  0         0         0        50       486


-------------------------------------------------------------------------------
tt98_a                                          Whipworm eggs/50 mg, Reader A 1998
-------------------------------------------------------------------------------

                   type:  numeric (int)

                  range:  [0,387]                     units:  1
          unique values:  100                        missing .:  2124/4018

                   mean:     8.066
              std. dev:    24.9735

            percentiles:        10%       25%       50%       75%       90%
                                  0         0         0         5        18


-------------------------------------------------------------------------------
hw98_b                                          Hookworm eggs/50 mg, Reader B 1998
-------------------------------------------------------------------------------

                   type:  numeric (int)

                  range:  [0,1000]                    units:  1
          unique values:  158                        missing .:  2124/4018

                   mean:    21.339
              std. dev:    53.6308

            percentiles:        10%       25%       50%       75%       90%
                                  0         0         5        20        55


-------------------------------------------------------------------------------
sm98_b                                          S. mansoni eggs/50 mg, Reader B 1998
-------------------------------------------------------------------------------

                   type:  numeric (int)

                  range:  [0,287]                     units:  1
          unique values:  82                         missing .:  2124/4018

                   mean:   4.41024
              std. dev:   20.5438

            percentiles:        10%       25%       50%       75%       90%
                                  0         0         0         0         6


-------------------------------------------------------------------------------
al98_b                                          Roundworm eggs/50 mg, Reader B 1998
-------------------------------------------------------------------------------
```

```
            type:  numeric (int)

           range:  [0,1057]                        units:  1
   unique values:  330                          missing .:  2124/4018

            mean:  116.308
        std. dev:  260.574

     percentiles:        10%       25%       50%       75%       90%
                           0         0         0        47       480

-------------------------------------------------------------------------------
tt98_b                                       Whipworm eggs/50 mg, Reader B 1998
-------------------------------------------------------------------------------

            type:  numeric (int)

           range:  [0,397]                         units:  1
   unique values:  103                          missing .:  2124/4018

            mean:  8.06547
        std. dev:  24.8379

     percentiles:        10%       25%       50%       75%       90%
                           0         0         0         5        19

-------------------------------------------------------------------------------
hw98                                              Hookworm eggs/100 mg, 1998
-------------------------------------------------------------------------------

            type:  numeric (int)

           range:  [0,2000]                        units:  1
   unique values:  237                          missing .:  2124/4018

            mean:  42.5692
        std. dev:  105.528

     percentiles:        10%       25%       50%       75%       90%
                           0         1        11        40       111

-------------------------------------------------------------------------------
sm98                                             S. mansoni eggs/100 mg, 1998
-------------------------------------------------------------------------------

            type:  numeric (int)

           range:  [0,552]                         units:  1
   unique values:  118                          missing .:  2124/4018

            mean:  9.05491
        std. dev:  41.2969

     percentiles:        10%       25%       50%       75%       90%
                           0         0         0         0        13

-------------------------------------------------------------------------------
```

```
al98                                              Roundworm eggs/100 mg, 1998
--------------------------------------------------------------------------------

             type:  numeric (int)

            range:  [0,2090]                      units:  1
    unique values:  417                       missing .:  2124/4018

             mean:  233.652
        std. dev:  515.571

     percentiles:         10%        25%        50%        75%        90%
                            0          0          0        110        981


--------------------------------------------------------------------------------
tt98                                              Whipworm eggs/100 mg, 1998
--------------------------------------------------------------------------------

             type:  numeric (int)

            range:  [0,672]                       units:  1
    unique values:  154                       missing .:  2124/4018

             mean:  16.1315
        std. dev:  46.9653

     percentiles:         10%        25%        50%        75%        90%
                            0          0          2         10         39


--------------------------------------------------------------------------------
numinf98                                Number of parasitological infections, 1998
--------------------------------------------------------------------------------

             type:  numeric (byte)

            range:  [0,4]                          units:  1
    unique values:  5                         missing .:  2124/4018

       tabulation:  Freq.   Value
                      160   0
                      506   1
                      583   2
                      528   3
                      117   4
                     2124   .


--------------------------------------------------------------------------------
hw98_who        Indicator of hookworm moderate-heavy infection, WHO standard 1998
--------------------------------------------------------------------------------

             type:  numeric (byte)

            range:  [0,1]                          units:  1
    unique values:  2                         missing .:  2124/4018

       tabulation:  Freq.   Value
                     1850   0
```

```
                              44  1
                            2124  .

--------------------------------------------------------------------------------
hw98_ics                                     Indicator of hookworm moderate-heavy
                                             infection, modified WHO standard 1998
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  2124/4018

           tabulation:  Freq.  Value
                         1602  0
                          292  1
                         2124  .

--------------------------------------------------------------------------------
tt98_who        Indicator of whipworm moderate-heavy infection, WHO standard 1998
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  2124/4018

           tabulation:  Freq.  Value
                         1822  0
                           72  1
                         2124  .

--------------------------------------------------------------------------------
tt98_ics                                     Indicator of whipworm moderate-heavy
                                             infection, modified WHO standard 1998
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  2124/4018

           tabulation:  Freq.  Value
                         1708  0
                          186  1
                         2124  .

--------------------------------------------------------------------------------
sm98_who        Indicator of S. mansoni moderate-heavy infection, WHO standard 1998
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  2124/4018

           tabulation:  Freq.  Value
```

```
                               1759  0
                                135  1
                               2124  .

-------------------------------------------------------------------------------
al98_who          Indicator of roundworm moderate-heavy infection, WHO standard 1998
-------------------------------------------------------------------------------

                     type:  numeric (byte)

                    range:  [0,1]                        units:  1
            unique values:  2                        missing .:  2124/4018

              tabulation:  Freq.  Value
                           1596  0
                            298  1
                           2124  .

-------------------------------------------------------------------------------
numwho98                   Number of moderate-heavy infections, WHO standards 1998
-------------------------------------------------------------------------------

                     type:  numeric (byte)

                    range:  [0,3]                        units:  1
            unique values:  4                        missing .:  2124/4018

              tabulation:  Freq.  Value
                           1428  0
                            384  1
                             81  2
                              1  3
                           2124  .

-------------------------------------------------------------------------------
numics98            Number of moderate-heavy infections, modified WHO standards 1998
-------------------------------------------------------------------------------

                     type:  numeric (byte)

                    range:  [0,3]                        units:  1
            unique values:  4                        missing .:  2124/4018

              tabulation:  Freq.  Value
                           1201  0
                            497  1
                            174  2
                             22  3
                           2124  .

-------------------------------------------------------------------------------
any_hw98                                      Indicator of any hookworm eggs, 1998
-------------------------------------------------------------------------------

                     type:  numeric (byte)

                    range:  [0,1]                        units:  1
```

```
         unique values:  2                         missing .:  2124/4018

            tabulation:  Freq.  Value
                           430  0
                          1464  1
                          2124  .

--------------------------------------------------------------------------------
any_al98                                      Indicator of any roundworm eggs, 1998
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                         units:  1
         unique values:  2                         missing .:  2124/4018

            tabulation:  Freq.  Value
                          1091  0
                           803  1
                          2124  .

--------------------------------------------------------------------------------
any_sm98                                      Indicator of any S. mansoni eggs, 1998
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                         units:  1
         unique values:  2                         missing .:  2124/4018

            tabulation:  Freq.  Value
                          1482  0
                           412  1
                          2124  .

--------------------------------------------------------------------------------
any_tt98                                      Indicator of any whipworm eggs, 1998
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                         units:  1
         unique values:  2                         missing .:  2124/4018

            tabulation:  Freq.  Value
                           849  0
                          1045  1
                          2124  .

--------------------------------------------------------------------------------
sch98v1                                      School ID of sampled child in Visit 1, 1998
--------------------------------------------------------------------------------

                  type:  numeric (int)
                 label:  sch_label, but 52 nonmissing values are not labeled

                 range:  [109,329]                     units:  1
```

```
        unique values:  52                          missing .:   44/4018

             examples:  158
                        207
                        264
                        281


-------------------------------------------------------------------------------
std98v1                     Standard (grade level) of sampled child in Visit 1, 1998
-------------------------------------------------------------------------------

                 type:  numeric (byte)
                label:  std_label, but 8 nonmissing values are not labeled

                range:  [1,55]                       units:  1
        unique values:  10                         missing .:   44/4018

             examples:  3
                        4
                        5
                        7


-------------------------------------------------------------------------------
date_a                                            Date of examination by Reader A
-------------------------------------------------------------------------------

                 type:  numeric daily date (int)

                range:  [14262,14333]                units:  1
      or equivalently:  [18jan1999,30mar1999]        units:  days
        unique values:  50                         missing .:   1571/4018

                 mean:   14296.9 = 21feb1999 (+ 22 hours)
             std. dev:   20.2454

          percentiles:       10%      25%      50%      75%      90%
                           14269    14280    14297    14315    14325
                        25jan1999 05feb1999 22feb1999 12mar1999 22mar1999


-------------------------------------------------------------------------------
read_a                                                           ID of Reader A
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [1,9]                        units:  1
        unique values:  9                          missing .:   1570/4018

           tabulation:  Freq.  Value
                         856   1
                           3   2
                         759   3
                          54   4
                         721   5
                          34   6
                          19   7
                           1   8
```

```
                            1  9
                         1570  .


--------------------------------------------------------------------------------
other_a                                      Any other helminth eggs found by Reader A
--------------------------------------------------------------------------------

                 type:  string (str16)

        unique values:  14                          missing "":  3063/4018

             examples:  ""
                        ""
                        ""
                        "0"

              warning:  variable has embedded blanks


--------------------------------------------------------------------------------
remrks_a                                                      Remarks by Reader A
--------------------------------------------------------------------------------

                 type:  string (str20)

        unique values:  9                           missing "":  3770/4018

            tabulation:  Freq.   Value
                         3770   ""
                            3   "0"
                           50   "D1"
                          162   "D2"
                           22   "D3"
                            2   "E. VERMICULARIS"
                            2   "HOOKWORM LARVAE"
                            5   "OXYURIS"
                            1   "STRONGYLOIDES LARVAE"
                            1   "TAENIA SSP"

              warning:  variable has embedded blanks


--------------------------------------------------------------------------------
date_b                                             Date of examination by Reader B
--------------------------------------------------------------------------------

                 type:  numeric daily date (int)

                range:  [14262,14333]               units:  1
       or equivalently:  [18jan1999,30mar1999]      units:  days
        unique values:  49                          missing .:  1572/4018

                 mean:  14296.9 = 21feb1999 (+ 22 hours)
             std. dev:  20.2541

          percentiles:        10%       25%       50%       75%       90%
                            14269     14280     14297     14315     14325
                         25jan1999 05feb1999 22feb1999 12mar1999 22mar1999
```

```
--------------------------------------------------------------------------------
read_b                                                                ID of Reader B
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [1,8]                          units:  1
         unique values:  8                          missing .:  1573/4018

             tabulation:  Freq.  Value
                             3   1
                           558   2
                            55   3
                           796   4
                            53   5
                           750   6
                           229   7
                             1   8
                          1573   .

--------------------------------------------------------------------------------
other_b                                    Any other helminth eggs found by Reader B
--------------------------------------------------------------------------------

                  type:  string (str2)

         unique values:  13                        missing "":  2478/4018

              examples:  ""
                         ""
                         ""
                         "0"

--------------------------------------------------------------------------------
remrks_b                                                         Remarks by Reader B
--------------------------------------------------------------------------------

                  type:  string (str20)

         unique values:  10                        missing "":  3710/4018

              examples:  ""
                         ""
                         ""
                         ""

               warning:  variable has embedded blanks

--------------------------------------------------------------------------------
hw99_a                                        Hookworm eggs/50 mg, Reader A 1999
--------------------------------------------------------------------------------

                  type:  numeric (int)

                 range:  [0,1275]                        units:  1
         unique values:  211                        missing .:  1570/4018
```

```
            mean:    28.0163
        std. dev:    84.3669

     percentiles:         10%         25%         50%         75%         90%
                            0           0           4        22.5          65


--------------------------------------------------------------------------------
sm99_a                                          S. mansoni eggs/50 mg, Reader A 1999
--------------------------------------------------------------------------------

            type:    numeric (int)

           range:    [0,1145]                        units:    1
   unique values:    137                         missing .:    1572/4018

            mean:    10.693
        std. dev:    50.3431

     percentiles:         10%         25%         50%         75%         90%
                            0           0           0           3          23


--------------------------------------------------------------------------------
al99_a                                          Roundworm eggs/50 mg, Reader A 1999
--------------------------------------------------------------------------------

            type:    numeric (int)

           range:    [0,1523]                        units:    1
   unique values:    414                         missing .:    1572/4018

            mean:    176.911
        std. dev:    371.483

     percentiles:         10%         25%         50%         75%         90%
                            0           0           0         104         763


--------------------------------------------------------------------------------
tt99_a                                          Whipworm eggs/50 mg, Reader A 1999
--------------------------------------------------------------------------------

            type:    numeric (int)

           range:    [0,1275]                        units:    1
   unique values:    162                         missing .:    1577/4018

            mean:    16.1348
        std. dev:    63.3097

     percentiles:         10%         25%         50%         75%         90%
                            0           0           1           9          34


--------------------------------------------------------------------------------
hw99_b                                          Hookworm eggs/50 mg, Reader B 1999
--------------------------------------------------------------------------------

            type:    numeric (int)
```

```
            range:  [0,1275]                        units:  1
    unique values:  193                        missing .:  1577/4018

             mean:  25.7694
        std. dev:  78.574

      percentiles:         10%      25%      50%      75%      90%
                             0        0        4       20       61

--------------------------------------------------------------------------------
sm99_b                                    S. mansoni eggs/50 mg, Reader B 1999
--------------------------------------------------------------------------------

             type:  numeric (int)

            range:  [0,652]                         units:  1
    unique values:  119                        missing .:  1576/4018

             mean:  8.35504
        std. dev:  31.453

      percentiles:         10%      25%      50%      75%      90%
                             0        0        0        2       20

--------------------------------------------------------------------------------
al99_b                                    Roundworm eggs/50 mg, Reader B 1999
--------------------------------------------------------------------------------

             type:  numeric (int)

            range:  [0,1297]                        units:  1
    unique values:  424                        missing .:  1575/4018

             mean:  166.285
        std. dev:  357.535

      percentiles:         10%      25%      50%      75%      90%
                             0        0        0       99      660

--------------------------------------------------------------------------------
tt99_b                                    Whipworm eggs/50 mg, Reader B 1999
--------------------------------------------------------------------------------

             type:  numeric (int)

            range:  [0,1275]                        units:  1
    unique values:  168                        missing .:  1578/4018

             mean:  16.2172
        std. dev:  61.0168

      percentiles:         10%      25%      50%      75%      90%
                             0        0        1        9       36

--------------------------------------------------------------------------------
wgrp1                            Sampled child was in treatment Group 1, Jan 1998
--------------------------------------------------------------------------------
```

```
            type:  numeric (byte)

           range:  [0,1]                        units:  1
   unique values:  2                          missing .:  1520/4018

      tabulation:  Freq.  Value
                   1600   0
                    898   1
                   1520   .

--------------------------------------------------------------------------------
hw99                                            Hookworm eggs/100 mg, 1999
--------------------------------------------------------------------------------

            type:  numeric (int)

           range:  [0,2550]                     units:  1
   unique values:  300                        missing .:  1577/4018

            mean:  53.8587
        std. dev:  158.194

     percentiles:        10%      25%      50%      75%      90%
                          0        0        9       43      125

--------------------------------------------------------------------------------
sm99                                            S. mansoni eggs/100 mg, 1999
--------------------------------------------------------------------------------

            type:  numeric (int)

           range:  [0,1797]                     units:  1
   unique values:  186                        missing .:  1578/4018

            mean:   19.048
        std. dev:  77.5559

     percentiles:        10%      25%      50%      75%      90%
                          0        0        0        6       45

--------------------------------------------------------------------------------
al99                                            Roundworm eggs/100 mg, 1999
--------------------------------------------------------------------------------

            type:  numeric (int)

           range:  [0,2798]                     units:  1
   unique values:  541                        missing .:  1577/4018

            mean:  342.447
        std. dev:  724.179

     percentiles:        10%      25%      50%      75%      90%
                          0        0        0      208     1394


--------------------------------------------------------------------------------
```

```
tt99                                                        Whipworm eggs/100 mg, 1999
--------------------------------------------------------------------------------

                    type:  numeric (int)

                   range:  [0,2550]                         units:  1
           unique values:  236                          missing .:  1585/4018

                    mean:  32.3559
               std. dev:  117.521

             percentiles:        10%        25%        50%        75%        90%
                                    0          0          2         18         72

--------------------------------------------------------------------------------
any_hw99                                          Indicator of any hookworm eggs, 1999
--------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                            units:  1
           unique values:  2                            missing .:  1577/4018

              tabulation:  Freq.  Value
                             779  0
                            1662  1
                            1577  .

--------------------------------------------------------------------------------
any_sm99                                         Indicator of any S. mansoni eggs, 1999
--------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                            units:  1
           unique values:  2                            missing .:  1578/4018

              tabulation:  Freq.  Value
                            1574  0
                             866  1
                            1578  .

--------------------------------------------------------------------------------
any_al99                                         Indicator of any roundworm eggs, 1999
--------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                            units:  1
           unique values:  2                            missing .:  1577/4018

              tabulation:  Freq.  Value
                            1404  0
                            1037  1
                            1577  .

--------------------------------------------------------------------------------
```

```
any_tt99                                              Indicator of any whipworm eggs, 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                            units:  1
      unique values:  2                        missing .:  1585/4018

         tabulation:  Freq.  Value
                       1030  0
                       1403  1
                       1585  .

-------------------------------------------------------------------------------
numinf99                                    Number of parasitological infections, 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,4]                            units:  1
      unique values:  5                        missing .:  1597/4018

         tabulation:  Freq.  Value
                        249  0
                        608  1
                        664  2
                        616  3
                        284  4
                       1597  .

-------------------------------------------------------------------------------
hw99_who           Indicator of hookworm moderate-heavy infection, WHO standard 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                            units:  1
      unique values:  2                        missing .:  1577/4018

         tabulation:  Freq.  Value
                       2349  0
                         92  1
                       1577  .

-------------------------------------------------------------------------------
hw99_ics                                       Indicator of hookworm moderate-heavy
                                               infection, modified WHO standard 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                            units:  1
      unique values:  2                        missing .:  1577/4018

         tabulation:  Freq.  Value
                       2051  0
                        390  1
```

```
                        1577   .

          -------------------------------------------------------------------------------
          tt99_who              Indicator of whipworm moderate-heavy infection, WHO standard 1999
          -------------------------------------------------------------------------------

                          type:   numeric (byte)

                         range:   [0,1]                            units:  1
               unique values:   2                          missing .:   1585/4018

                    tabulation:   Freq.  Value
                                   2258  0
                                    175  1
                                   1585  .

          -------------------------------------------------------------------------------
          tt99_ics                              Indicator of whipworm moderate-heavy
                                                infection, modified WHO standard 1999
          -------------------------------------------------------------------------------

                          type:   numeric (byte)

                         range:   [0,1]                            units:  1
               unique values:   2                          missing .:   1585/4018

                    tabulation:   Freq.  Value
                                   2043  0
                                    390  1
                                   1585  .

          -------------------------------------------------------------------------------
          al99_who        Indicator of roundworm moderate-heavy infection, WHO standard 1999
          -------------------------------------------------------------------------------

                          type:   numeric (byte)

                         range:   [0,1]                            units:  1
               unique values:   2                          missing .:   1577/4018

                    tabulation:   Freq.  Value
                                   1966  0
                                    475  1
                                   1577  .

          -------------------------------------------------------------------------------
          sm99_who        Indicator of S. mansoni moderate-heavy infection, WHO standard 1999
          -------------------------------------------------------------------------------

                          type:   numeric (byte)

                         range:   [0,1]                            units:  1
               unique values:   2                          missing .:   1578/4018

                    tabulation:   Freq.  Value
                                   2096  0
                                    344  1
```

```
                            1578   .

          -------------------------------------------------------------------------
numwho99                         Number of moderate-heavy infections, WHO standards 1999
          -------------------------------------------------------------------------

                        type:   numeric (byte)

                       range:   [0,4]                              units:  1
              unique values:    5                          missing .:  1597/4018

                   tabulation:  Freq.  Value
                                1602   0
                                 604   1
                                 176   2
                                  37   3
                                   2   4
                                1597   .

          -------------------------------------------------------------------------
numics99            Number of moderate-heavy infections, modified WHO standards 1999
          -------------------------------------------------------------------------

                        type:   numeric (byte)

                       range:   [0,4]                              units:  1
              unique values:    5                          missing .:  1597/4018

                   tabulation:  Freq.  Value
                                1373   0
                                 647   1
                                 280   2
                                 106   3
                                  15   4
                                1597   .

          -------------------------------------------------------------------------
hb                                            Hemoglobin concentration (g/L), 1999
          -------------------------------------------------------------------------

                        type:   numeric (int)

                       range:   [69,160]                           units:  1
              unique values:    75                         missing .:  3132/4018

                        mean:   123.675
                    std. dev:   13.6197

                 percentiles:          10%      25%      50%      75%      90%
                                       107      114      123      133      142

          -------------------------------------------------------------------------
hb_why                            Why hemoglobin concentration was not measured, 1999
          -------------------------------------------------------------------------

                        type:   string (str10)
```

```
         unique values:  10                          missing "":  2847/4018

              examples:  ""
                         ""
                         ""
                         "."

               warning:  variable has embedded blanks

--------------------------------------------------------------------------------
any_ics98     Indicator of any moderate-heavy infection, modified WHO standard 1998
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                          units:  1
         unique values:  2                          missing .:  2124/4018

            tabulation:  Freq.  Value
                          1201  0
                           693  1
                          2124  .

--------------------------------------------------------------------------------
any_98              Indicator of any moderate-heavy infection, WHO standard 1998
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                          units:  1
         unique values:  2                          missing .:  2124/4018

            tabulation:  Freq.  Value
                           160  0
                          1734  1
                          2124  .

--------------------------------------------------------------------------------
any_ics99     Indicator of any moderate-heavy infection, modified WHO standard 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                          units:  1
         unique values:  2                          missing .:  1597/4018

            tabulation:  Freq.  Value
                          1373  0
                          1048  1
                          1597  .

--------------------------------------------------------------------------------
any_geo99_updated                        Indicator of any geohelminth moderate-heavy
                                         infection, 1999 (updated version)
--------------------------------------------------------------------------------

                  type:  numeric (byte)
```

```
              range:  [0,1]                            units:  1
      unique values:  2                            missing .:  1597/4018

        tabulation:  Freq.  Value
                     1557   0
                      864   1
                     1597   .

-------------------------------------------------------------------------------
any_geo99_original                       Indicator of any geohelminth moderate-heavy
                                         infection, 1999 (original version)
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                            units:  1
      unique values:  2                            missing .:  1597/4018

        tabulation:  Freq.  Value
                     1723   0
                      698   1
                     1597   .
```

6. Codebook for test.dta

```
--------------------------------------------------------------------------------
pupid                                                           Pupil ID Number
--------------------------------------------------------------------------------

                type:  numeric (long)

               range:  [1002001,9146209]          units:  1
       unique values:  38344                      missing .:  0/38401

                mean:   2.4e+06
            std. dev:   1.9e+06

         percentiles:        10%        25%        50%        75%        90%
                         1.2e+06    1.5e+06    1.9e+06    2.7e+06    2.9e+06


--------------------------------------------------------------------------------
yrbirth                                             Year of birth of sampled child
--------------------------------------------------------------------------------

                type:  numeric (int)

               range:  [1884,1998]                units:  1
       unique values:  19                         missing .:  24666/38401

                mean:   1984.77
            std. dev:   2.36322

         percentiles:        10%        25%        50%        75%        90%
                           1982       1983       1985       1986       1988


--------------------------------------------------------------------------------
ics98                                   ICS Exam Score (normalized by standard), 1998
--------------------------------------------------------------------------------

                type:  numeric (float)

               range:  [-4.3995838,6.1725883]     units:  1.000e-12
       unique values:  12363                      missing .:  22492/38401

                mean:   .000105
            std. dev:   1.00094

         percentiles:        10%        25%        50%        75%        90%
                        -1.16979   -.712554   -.104012     .61357    1.33705


--------------------------------------------------------------------------------
ics99                                   ICS Exam Score (normalized by standard), 1999
--------------------------------------------------------------------------------

                type:  numeric (float)

               range:  [-6.0632968,4.0192804]     units:  1.000e-11
```

```
         unique values:  6930                        missing .:   25291/38401

                  mean:   .000399
              std. dev:   .999463

           percentiles:       10%       25%       50%       75%       90%
                         -1.27876   -.65687  -.003619    .67847   1.26501

--------------------------------------------------------------------------------
sch98t1              School ID of sampled child during term 1 (Jan-March), 1998
--------------------------------------------------------------------------------

                  type:  numeric (int)
                 label:  sch_label, but 92 nonmissing values are not labeled

                 range:  [108,907]                    units:  1
         unique values:  94                         missing .:   20629/38401

              examples:  207
                         288
                         .
                         .

--------------------------------------------------------------------------------
std98t1     Standard (grade level) of sampled child during term 1 (Jan-March), 1998
--------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  std_label, but 8 nonmissing values are not labeled

                 range:  [1,55]                       units:  1
         unique values:  10                         missing .:   20630/38401

              examples:  5
                         7
                         .
                         .

--------------------------------------------------------------------------------
tksep98t                                             Sampled child took ICS exam
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                          missing .:   20629/38401

            tabulation:  Freq.  Value
                          2363  0
                         15409  1
                         20629  .

--------------------------------------------------------------------------------
std98t3     Standard (grade level) of sampled child during term 3 (Sep-Nov), 1998
--------------------------------------------------------------------------------

                  type:  numeric (byte)
```

```
            label:  std_label, but 6 nonmissing values are not labeled

            range:  [3,8]                         units:  1
    unique values:  6                        missing .:  22974/38401

        tabulation:  Freq.   Numeric  Label
                     3302        3
                     3210        4
                     2696        5
                     2386        6
                     2376        7
                     1457        8
                    22974        .

-------------------------------------------------------------------------------
engsep98          Numerical score of sampled child on English ICS exam, Sep 1998
-------------------------------------------------------------------------------

             type:  numeric (byte)

            range:  [0,47]                        units:  1
    unique values:  47                       missing .:  22987/38401

             mean:  17.9353
         std. dev:  8.20376

      percentiles:       10%       25%       50%       75%       90%
                           8        12        17        23        30

-------------------------------------------------------------------------------
matsep98          Numerical score of sampled child on Math ICS exam, Sep 1998
-------------------------------------------------------------------------------

             type:  numeric (byte)

            range:  [0,50]                        units:  1
    unique values:  50                       missing .:  22985/38401

             mean:  17.0718
         std. dev:  6.48851

      percentiles:       10%       25%       50%       75%       90%
                          10        13        16        20        25

-------------------------------------------------------------------------------
scasep98                          Numerical score of sampled child on
                                  Science-Agriculture ICS exam, Sep 1998
-------------------------------------------------------------------------------

             type:  numeric (byte)

            range:  [0,55]                        units:  1
    unique values:  54                       missing .:  23006/38401

             mean:   20.918
         std. dev:  9.28947
```

```
              percentiles:          10%        25%        50%        75%        90%
                                      10         14         20         27         34


-------------------------------------------------------------------------------
schmk98                             School ID of sampled child at mock exam, 1998
-------------------------------------------------------------------------------

                     type:  numeric (int)
                    label:  sch_label, but 75 nonmissing values are not labeled

                    range:  [108,297]                   units:  1
            unique values:  75                      missing .:  28725/38401

                 examples:  281
                            .
                            .
                            .


-------------------------------------------------------------------------------
stdmk98                   Standard (grade level) of sampled child at mock exam, 1998
-------------------------------------------------------------------------------

                     type:  numeric (byte)
                    label:  std_label, but 5 nonmissing values are not labeled

                    range:  [4,8]                       units:  1
            unique values:  5                       missing .:  28718/38401

                tabulation:  Freq.   Numeric  Label
                             2268          4
                             2086          5
                             1860          6
                             2048          7
                             1421          8
                            28718          .

-------------------------------------------------------------------------------
engmk98                     Numerical score of sampled child on English mock exam, 1998
-------------------------------------------------------------------------------

                     type:  numeric (byte)

                    range:  [0,92]                      units:  1
            unique values:  76                      missing .:  28725/38401

                     mean:  33.3506
                 std. dev:  12.3006

              percentiles:          10%        25%        50%        75%        90%
                                      19         24         32         40         50


-------------------------------------------------------------------------------
kismk98                   Numerical score of sampled child on Kiswahili mock exam, 1998
-------------------------------------------------------------------------------

                     type:  numeric (byte)
```

```
          range:  [0,96]                            units:  1
  unique values:  79                           missing .:  28721/38401

           mean:   47.7315
       std. dev:   13.6526

    percentiles:          10%      25%      50%      75%      90%
                           31       39       47       56       66

-------------------------------------------------------------------------------
matmk98                    Numerical score of sampled child on Math mock exam, 1998
-------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,96]                            units:  1
  unique values:  64                           missing .:  28733/38401

           mean:    33.09
       std. dev:   11.6535

    percentiles:          10%      25%      50%      75%      90%
                           20       24       32       40       48

-------------------------------------------------------------------------------
scamk98                              Numerical score of sampled child on
                                     Science-Agriculture district exam, 1998
-------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,83]                            units:  1
  unique values:  67                           missing .:  28729/38401

           mean:   35.6111
       std. dev:   10.6272

    percentiles:          10%      25%      50%      75%      90%
                           23       28       35       42       50

-------------------------------------------------------------------------------
ghcrmk98                             Numerical score of sampled child on Geog,
                                     History, and Civics mock exam, 1998
-------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,84]                            units:  1
  unique values:  73                           missing .:  28729/38401

           mean:   35.0285
       std. dev:   10.4032

    percentiles:          10%      25%      50%      75%      90%
                           22       27       33       42       49


-------------------------------------------------------------------------------
```

```
acmmk98           Numerical score of sampled child on Arts and Crafts mock exam, 1998
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,87]                          units:  1
         unique values:  73                          missing .:  28800/38401

                  mean:  36.5622
              std. dev:  10.1087

           percentiles:        10%       25%       50%       75%       90%
                                24        29        35        43        50


-------------------------------------------------------------------------------
hsbemk98                                    Numerical score of sampled child on Home
                                            Science and Business mock exam, 1998
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,88]                          units:  1
         unique values:  63                          missing .:  33056/38401

                  mean:  40.6183
              std. dev:  9.98863

           percentiles:        10%       25%       50%       75%       90%
                                28        33        40        47        53


-------------------------------------------------------------------------------
schkcpe                                     School ID of sampled child at Kenya
                                            Certificate in Primary Education exam, 1998
-------------------------------------------------------------------------------

                  type:  numeric (int)
                 label:  sch_label, but 50 nonmissing values are not labeled

                 range:  [133,297]                       units:  1
         unique values:  50                          missing .:  37416/38401

              examples:  .
                         .
                         .
                         .


-------------------------------------------------------------------------------
stdkcpe                                     Standard of sampled child at Kenya
                                            Certificate in Primary Education exam, 1998
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  std_label, but 1 nonmissing value is not labeled

                 range:  [8,8]                           units:  1
         unique values:  1                           missing .:  37416/38401
```

```
          tabulation:  Freq.   Numeric  Label
                        985         8
                      37416         .


----------------------------------------------------------------------------
engkcpe              Numerical score of sampled child on English KCPE exam, 1998
----------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [13,85]                      units:  1
        unique values:  60                       missing .:  37417/38401

                 mean:  46.0945
             std. dev:  11.8321

          percentiles:         10%        25%        50%        75%        90%
                                30         38         46         54         61


----------------------------------------------------------------------------
kiskcpe             Numerical score of sampled child on Kiswahili KCPE exam, 1998
----------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [6,82]                       units:  1
        unique values:  64                       missing .:  37417/38401

                 mean:  51.1575
             std. dev:   11.255

          percentiles:         10%        25%        50%        75%        90%
                                36         44         51         59         65


----------------------------------------------------------------------------
matkcpe              Numerical score of sampled child on Math KCPE exam, 1998
----------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [18,84]                      units:  1
        unique values:  39                       missing .:  37417/38401

                 mean:  45.5701
             std. dev:  12.7201

          percentiles:         10%        25%        50%        75%        90%
                                30         35         44         54         63


----------------------------------------------------------------------------
scakcpe   Numerical score of sampled child on Science-Agriculture KCPE exam, 1998
----------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [12,88]                      units:  1
        unique values:  44                       missing .:  37417/38401
```

```
               mean:   46.2998
          std. dev:   13.5975

        percentiles:        10%        25%        50%        75%        90%
                             27         37         46         55         64

--------------------------------------------------------------------------------
ghcrkcpe                                       Numerical score of sampled child on Geog,
                                               History, and Civics KCPE exam, 1998
--------------------------------------------------------------------------------

               type:   numeric (byte)

              range:   [6,85]                               units:  1
      unique values:  56                              missing .:   37417/38401

               mean:   46.7937
          std. dev:   12.6213

        percentiles:        10%        25%        50%        75%        90%
                             30         39         48         55         62

--------------------------------------------------------------------------------
acmkcpe         Numerical score of sampled child on Arts and Crafts KCPE exam, 1998
--------------------------------------------------------------------------------

               type:   numeric (byte)

              range:   [14,88]                              units:  1
      unique values:  40                              missing .:   37417/38401

               mean:   45.9268
          std. dev:   13.1359

        percentiles:        10%        25%        50%        75%        90%
                             29         36         46         54         63

--------------------------------------------------------------------------------
hsbekcpe                                       Numerical score of sampled child on Home
                                               Science and Business KCPE exam, 1998
--------------------------------------------------------------------------------

               type:   numeric (byte)

              range:   [8,89]                               units:  1
      unique values:  41                              missing .:   37417/38401

               mean:    48.438
          std. dev:   13.0168

        percentiles:        10%        25%        50%        75%        90%
                             31         41         49         58         66

--------------------------------------------------------------------------------
schdp98        School ID of the last school sampled child was enrolled in, Sep 1998
--------------------------------------------------------------------------------
```

```
              type:  numeric (int)

             range:  [109,912]                         units:  1
     unique values:  155                       missing .:  36640/38401

              mean:   223.629
          std. dev:   137.244

       percentiles:         10%       25%       50%       75%       90%
                            120       146       193       266       296

-------------------------------------------------------------------------------
stddp98                         Standard (grade level) of sampled child, Sep 1998
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [2,8]                             units:  1
     unique values:  7                         missing .:  36640/38401

        tabulation:  Freq.  Value
                        33  2
                       307  3
                       358  4
                       346  5
                       346  6
                       312  7
                        59  8
                     36640  .

-------------------------------------------------------------------------------
highstd                 Highest standard (grade level) of sampled child, Sep 1998
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [2,8]                             units:  1
     unique values:  7                         missing .:  36641/38401

        tabulation:  Freq.  Value
                        33  2
                       307  3
                       357  4
                       346  5
                       346  6
                       312  7
                        59  8
                     36641  .

-------------------------------------------------------------------------------
hteffort                        Head teacher made effort to find child, Sep 1998
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                             units:  1
```

```
        unique values:  2                          missing .:  37043/38401

          tabulation:  Freq.  Value
                          4   0
                       1354   1
                      37043   .

--------------------------------------------------------------------------------
dpexam                              Sampled child is part of drop out test sample
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                          units:  1
        unique values:  2                          missing .:  19411/38401

          tabulation:  Freq.  Value
                      17191   0
                       1799   1
                      19411   .

--------------------------------------------------------------------------------
engdp98n                            Numerical score on English drop exam, Sep 1998
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,47]                         units:  1
        unique values:  43                         missing .:  37847/38401

                 mean:  14.7292
            std. dev:   7.7713

          percentiles:        10%      25%      50%      75%      90%
                                6       10       14       18       25

--------------------------------------------------------------------------------
engdp98p                            Percent correct on English drop exam, Sep 1998
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,94]                         units:  1
        unique values:  62                         missing .:  37809/38401

                 mean:  32.6841
            std. dev:  15.8144

          percentiles:        10%      25%      50%      75%      90%
                               16       23       30       40       53

--------------------------------------------------------------------------------
matdp98n                            Numerical score on Math drop exam, Sep 1998
--------------------------------------------------------------------------------

                 type:  numeric (byte)
```

```
          range:  [0,45]                            units:  1
  unique values:  38                         missing .:  37810/38401

           mean:  14.2335
      std. dev:  6.96185

    percentiles:         10%       25%       50%       75%       90%
                          6        10        14        18        23


--------------------------------------------------------------------------------
matdp98p                            Percent correct on Math drop exam, Sep 1998
--------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,90]                            units:  1
  unique values:  59                         missing .:  37810/38401

           mean:  32.0914
      std. dev:  14.8691

    percentiles:         10%       25%       50%       75%       90%
                         15        22        30        40        52


--------------------------------------------------------------------------------
scadp98n            Numerical score on Science-Agriculture drop exam, Sep 1998
--------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,56]                            units:  1
  unique values:  48                         missing .:  37820/38401

           mean:  18.5146
      std. dev:  9.38351

    percentiles:         10%       25%       50%       75%       90%
                          8        11        17        24        31


--------------------------------------------------------------------------------
scadp98p               Percent correct on Science-Agriculture drop exam, Sep 1998
--------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,93]                            units:  1
  unique values:  48                         missing .:  37820/38401

           mean:  36.2134
      std. dev:  14.8593

    percentiles:         10%       25%       50%       75%       90%
                         20        25        35        45        57


--------------------------------------------------------------------------------
scheng99                    School ID of sampled child at English ICS exam, 1998
--------------------------------------------------------------------------------
```

```
              type:  numeric (int)
              label:  sch_label, but 159 nonmissing values are not labeled

              range:  [100,912]                    units:  1
      unique values:  159                      missing .:  8163/38401

           examples:  143
                      186
                      268
                      .

-------------------------------------------------------------------------------
stdeng99                        Standard of sampled child at English ICS exam, 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)
              label:  std_label, but 8 nonmissing values are not labeled

              range:  [1,8]                         units:  1
      unique values:  8                        missing .:  8163/38401

         tabulation:  Freq.   Numeric  Label
                         2         1
                        15         2
                      6989         3
                      6280         4
                      5244         5
                      4542         6
                      4599         7
                      2567         8
                      8163         .

-------------------------------------------------------------------------------
engque1     Sampled child gave correct answer to Question 1, English ICS Exam 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

              range:  [0,1]                         units:  1
      unique values:  2                        missing .:  8173/38401

         tabulation:  Freq.  Value
                       1112  0
                      29116  1
                       8173  .

-------------------------------------------------------------------------------
engque2     Sampled child gave correct answer to Question 2, English ICS Exam 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

              range:  [0,1]                         units:  1
      unique values:  2                        missing .:  8173/38401

         tabulation:  Freq.  Value
```

```
                          2620  0
                         27608  1
                          8173  .

-------------------------------------------------------------------------------
engque3     Sampled child gave correct answer to Question 3, English ICS Exam 1999
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                       missing .:  8173/38401

            tabulation:  Freq.  Value
                          2389  0
                         27839  1
                          8173  .

-------------------------------------------------------------------------------
engque4     Sampled child gave correct answer to Question 4, English ICS Exam 1999
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                       missing .:  8173/38401

            tabulation:  Freq.  Value
                          2173  0
                         28055  1
                          8173  .

-------------------------------------------------------------------------------
engque5     Sampled child gave correct answer to Question 5, English ICS Exam 1999
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                       missing .:  8173/38401

            tabulation:  Freq.  Value
                          1202  0
                         29026  1
                          8173  .

-------------------------------------------------------------------------------
engque6     Sampled child gave correct answer to Question 6, English ICS Exam 1999
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                       missing .:  8173/38401

            tabulation:  Freq.  Value
                          1754  0
```

```
                         28474  1
                          8173  .

-------------------------------------------------------------------------------
engque7     Sampled child gave correct answer to Question 7, English ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

               range:  [0,1]                        units:  1
        unique values:  2                     missing .:  8172/38401

           tabulation:  Freq.  Value
                         1259  0
                        28970  1
                         8172  .

-------------------------------------------------------------------------------
engque8     Sampled child gave correct answer to Question 8, English ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

               range:  [0,1]                        units:  1
        unique values:  2                     missing .:  8172/38401

           tabulation:  Freq.  Value
                          933  0
                        29296  1
                         8172  .

-------------------------------------------------------------------------------
engque9     Sampled child gave correct answer to Question 9, English ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

               range:  [0,1]                        units:  1
        unique values:  2                     missing .:  8173/38401

           tabulation:  Freq.  Value
                         3712  0
                        26516  1
                         8173  .

-------------------------------------------------------------------------------
engque10    Sampled child gave correct answer to Question 10, English ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

               range:  [0,1]                        units:  1
        unique values:  2                     missing .:  8173/38401

           tabulation:  Freq.  Value
                         1498  0
                        28730  1
```

```
                          8173   .

------------------------------------------------------------------------------------
engque11   Sampled child gave correct answer to Question 11, English ICS Exam 1999
------------------------------------------------------------------------------------

                    type:   numeric (byte)

                   range:   [0,1]                          units:  1
          unique values:   2                        missing .:   8172/38401

             tabulation:   Freq.  Value
                            2384  0
                           27845  1
                            8172  .

------------------------------------------------------------------------------------
engque12   Sampled child gave correct answer to Question 12, English ICS Exam 1999
------------------------------------------------------------------------------------

                    type:   numeric (byte)

                   range:   [0,1]                          units:  1
          unique values:   2                        missing .:   8172/38401

             tabulation:   Freq.  Value
                            3369  0
                           26860  1
                            8172  .

------------------------------------------------------------------------------------
engque13   Sampled child gave correct answer to Question 13, English ICS Exam 1999
------------------------------------------------------------------------------------

                    type:   numeric (byte)

                   range:   [0,1]                          units:  1
          unique values:   2                        missing .:   8205/38401

             tabulation:   Freq.  Value
                            4857  0
                           25339  1
                            8205  .

------------------------------------------------------------------------------------
engque14   Sampled child gave correct answer to Question 14, English ICS Exam 1999
------------------------------------------------------------------------------------

                    type:   numeric (byte)

                   range:   [0,1]                          units:  1
          unique values:   2                        missing .:   8205/38401

             tabulation:   Freq.  Value
                            3627  0
                           26569  1
                            8205  .
```

```
-------------------------------------------------------------------------------
engque15   Sampled child gave correct answer to Question 15, English ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                       missing .:  8205/38401

          tabulation:  Freq.  Value
                        4722  0
                       25474  1
                        8205  .

-------------------------------------------------------------------------------
engque16   Sampled child gave correct answer to Question 16, English ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                       missing .:  8205/38401

          tabulation:  Freq.  Value
                        3762  0
                       26434  1
                        8205  .

-------------------------------------------------------------------------------
engque17   Sampled child gave correct answer to Question 17, English ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                       missing .:  8205/38401

          tabulation:  Freq.  Value
                        3204  0
                       26992  1
                        8205  .

-------------------------------------------------------------------------------
engque18   Sampled child gave correct answer to Question 18, English ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                       missing .:  8205/38401

          tabulation:  Freq.  Value
                        3474  0
                       26722  1
                        8205  .
```

```
--------------------------------------------------------------------------------
engque19   Sampled child gave correct answer to Question 19, English ICS Exam 1999
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  8205/38401

           tabulation:  Freq.  Value
                         2091  0
                        28105  1
                         8205  .

--------------------------------------------------------------------------------
engque20   Sampled child gave correct answer to Question 20, English ICS Exam 1999
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  8205/38401

           tabulation:  Freq.  Value
                         2343  0
                        27853  1
                         8205  .

--------------------------------------------------------------------------------
engque21   Sampled child gave correct answer to Question 21, English ICS Exam 1999
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  8205/38401

           tabulation:  Freq.  Value
                         7155  0
                        23041  1
                         8205  .

--------------------------------------------------------------------------------
engque22   Sampled child gave correct answer to Question 22, English ICS Exam 1999
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  8205/38401

           tabulation:  Freq.  Value
                         6386  0
                        23810  1
                         8205  .

--------------------------------------------------------------------------------
```

```
engque23   Sampled child gave correct answer to Question 23, English ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                       missing .:  8205/38401

           tabulation:  Freq.  Value
                         5436  0
                        24760  1
                         8205  .

-------------------------------------------------------------------------------
engque24   Sampled child gave correct answer to Question 24, English ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                       missing .:  8205/38401

           tabulation:  Freq.  Value
                         2255  0
                        27941  1
                         8205  .

-------------------------------------------------------------------------------
engque25   Sampled child gave correct answer to Question 25, English ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                       missing .:  8205/38401

           tabulation:  Freq.  Value
                         7318  0
                        22878  1
                         8205  .

-------------------------------------------------------------------------------
engque26   Sampled child gave correct answer to Question 26, English ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                       missing .:  8205/38401

           tabulation:  Freq.  Value
                        10781  0
                        19415  1
                         8205  .

-------------------------------------------------------------------------------
engque27   Sampled child gave correct answer to Question 27, English ICS Exam 1999
```

```
          ----------------------------------------------------------------------------

                       type:  numeric (byte)

                      range:  [0,1]                        units:  1
              unique values:  2                       missing .:  8250/38401

                 tabulation:  Freq.  Value
                               7644  0
                              22507  1
                               8250  .

          ----------------------------------------------------------------------------
engque28   Sampled child gave correct answer to Question 28, English ICS Exam 1999
          ----------------------------------------------------------------------------

                       type:  numeric (byte)

                      range:  [0,1]                        units:  1
              unique values:  2                       missing .:  8251/38401

                 tabulation:  Freq.  Value
                               8387  0
                              21763  1
                               8251  .

          ----------------------------------------------------------------------------
engque29   Sampled child gave correct answer to Question 29, English ICS Exam 1999
          ----------------------------------------------------------------------------

                       type:  numeric (byte)

                      range:  [0,1]                        units:  1
              unique values:  2                       missing .:  8251/38401

                 tabulation:  Freq.  Value
                               8715  0
                              21435  1
                               8251  .

          ----------------------------------------------------------------------------
engque30   Sampled child gave correct answer to Question 30, English ICS Exam 1999
          ----------------------------------------------------------------------------

                       type:  numeric (byte)

                      range:  [0,1]                        units:  1
              unique values:  2                       missing .:  8251/38401

                 tabulation:  Freq.  Value
                               9291  0
                              20859  1
                               8251  .

          ----------------------------------------------------------------------------
engque31   Sampled child gave correct answer to Question 31, English ICS Exam 1999
          ----------------------------------------------------------------------------
```

```
               type:  numeric (byte)

              range:  [0,1]                          units:  1
      unique values:  2                       missing .:  8250/38401

         tabulation:  Freq.  Value
                      21408  0
                       8743  1
                       8250  .

-------------------------------------------------------------------------------
engque32   Sampled child gave correct answer to Question 32, English ICS Exam 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                          units:  1
      unique values:  2                       missing .:  8250/38401

         tabulation:  Freq.  Value
                      21858  0
                       8293  1
                       8250  .

-------------------------------------------------------------------------------
engque33   Sampled child gave correct answer to Question 33, English ICS Exam 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                          units:  1
      unique values:  2                       missing .:  8250/38401

         tabulation:  Freq.  Value
                      20358  0
                       9793  1
                       8250  .

-------------------------------------------------------------------------------
engque34   Sampled child gave correct answer to Question 34, English ICS Exam 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                          units:  1
      unique values:  2                       missing .:  8250/38401

         tabulation:  Freq.  Value
                      21901  0
                       8250  1
                       8250  .

-------------------------------------------------------------------------------
engque35   Sampled child gave correct answer to Question 35, English ICS Exam 1999
-------------------------------------------------------------------------------
```

```
              type:  numeric (byte)

             range:  [0,1]                           units:  1
     unique values:  2                           missing .:  8250/38401

         tabulation:  Freq.  Value
                      22221  0
                       7930  1
                       8250  .

-------------------------------------------------------------------------------
engque36   Sampled child gave correct answer to Question 36, English ICS Exam 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                           units:  1
     unique values:  2                           missing .:  8250/38401

         tabulation:  Freq.  Value
                      20031  0
                      10120  1
                       8250  .

-------------------------------------------------------------------------------
engque37   Sampled child gave correct answer to Question 37, English ICS Exam 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                           units:  1
     unique values:  2                           missing .:  8251/38401

         tabulation:  Freq.  Value
                      16176  0
                      13974  1
                       8251  .

-------------------------------------------------------------------------------
engque38   Sampled child gave correct answer to Question 38, English ICS Exam 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                           units:  1
     unique values:  2                           missing .:  8252/38401

         tabulation:  Freq.  Value
                      17920  0
                      12229  1
                       8252  .

-------------------------------------------------------------------------------
engque39   Sampled child gave correct answer to Question 39, English ICS Exam 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)
```

```
              range:  [0,1]                          units:  1
      unique values:  2                          missing .:  8252/38401

        tabulation:  Freq.  Value
                      7901  0
                     22248  1
                      8252  .

-------------------------------------------------------------------------------
engque40   Sampled child gave correct answer to Question 40, English ICS Exam 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                          units:  1
      unique values:  2                          missing .:  8252/38401

        tabulation:  Freq.  Value
                     18683  0
                     11466  1
                      8252  .

-------------------------------------------------------------------------------
engque41   Sampled child gave correct answer to Question 41, English ICS Exam 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                          units:  1
      unique values:  2                          missing .:  8250/38401

        tabulation:  Freq.  Value
                     22519  0
                      7632  1
                      8250  .

-------------------------------------------------------------------------------
engque42   Sampled child gave correct answer to Question 42, English ICS Exam 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                          units:  1
      unique values:  2                          missing .:  8251/38401

        tabulation:  Freq.  Value
                     19917  0
                     10233  1
                      8251  .

-------------------------------------------------------------------------------
engque43   Sampled child gave correct answer to Question 43, English ICS Exam 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)
```

```
           range:  [0,1]                           units:  1
   unique values:  2                         missing .:  8252/38401

      tabulation:  Freq.  Value
                   12597  0
                   17552  1
                    8252  .

--------------------------------------------------------------------------------
engque44   Sampled child gave correct answer to Question 44, English ICS Exam 1999
--------------------------------------------------------------------------------

            type:  numeric (byte)

           range:  [0,1]                           units:  1
   unique values:  2                         missing .:  8252/38401

      tabulation:  Freq.  Value
                   13690  0
                   16459  1
                    8252  .

--------------------------------------------------------------------------------
engque45   Sampled child gave correct answer to Question 45, English ICS Exam 1999
--------------------------------------------------------------------------------

            type:  numeric (byte)

           range:  [0,1]                           units:  1
   unique values:  2                         missing .:  8252/38401

      tabulation:  Freq.  Value
                   18643  0
                   11506  1
                    8252  .

--------------------------------------------------------------------------------
engque46   Sampled child gave correct answer to Question 46, English ICS Exam 1999
--------------------------------------------------------------------------------

            type:  numeric (byte)

           range:  [0,1]                           units:  1
   unique values:  2                         missing .:  8253/38401

      tabulation:  Freq.  Value
                   14781  0
                   15367  1
                    8253  .

--------------------------------------------------------------------------------
engque47   Sampled child gave correct answer to Question 47, English ICS Exam 1999
--------------------------------------------------------------------------------

            type:  numeric (byte)

           range:  [0,1]                           units:  1
```

```
       unique values:  2                            missing .:  8257/38401

          tabulation:  Freq.  Value
                       13861  0
                       16283  1
                        8257  .

-------------------------------------------------------------------------------
engque48   Sampled child gave correct answer to Question 48, English ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                          units:  1
       unique values:  2                            missing .:  8336/38401

          tabulation:  Freq.  Value
                       22595  0
                        7470  1
                        8336  .

-------------------------------------------------------------------------------
engque49   Sampled child gave correct answer to Question 49, English ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                          units:  1
       unique values:  2                            missing .:  8334/38401

          tabulation:  Freq.  Value
                       13509  0
                       16558  1
                        8334  .

-------------------------------------------------------------------------------
engque50   Sampled child gave correct answer to Question 50, English ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                          units:  1
       unique values:  2                            missing .:  8333/38401

          tabulation:  Freq.  Value
                       17011  0
                       13057  1
                        8333  .

-------------------------------------------------------------------------------
engque51   Sampled child gave correct answer to Question 51, English ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                          units:  1
       unique values:  2                            missing .:  8334/38401
```

```
          tabulation:  Freq.  Value
                       12169  0
                       17898  1
                        8334  .

-------------------------------------------------------------------------------
engque52   Sampled child gave correct answer to Question 52, English ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                          units:  1
        unique values:  2                          missing .:  8333/38401

          tabulation:  Freq.  Value
                       11521  0
                       18547  1
                        8333  .

-------------------------------------------------------------------------------
engque53   Sampled child gave correct answer to Question 53, English ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                          units:  1
        unique values:  2                          missing .:  8334/38401

          tabulation:  Freq.  Value
                       16678  0
                       13389  1
                        8334  .

-------------------------------------------------------------------------------
engque54   Sampled child gave correct answer to Question 54, English ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                          units:  1
        unique values:  2                          missing .:  8336/38401

          tabulation:  Freq.  Value
                       12034  0
                       18031  1
                        8336  .

-------------------------------------------------------------------------------
engque55   Sampled child gave correct answer to Question 55, English ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                          units:  1
        unique values:  2                          missing .:  8338/38401
```

```
              tabulation:  Freq.  Value
                           14677  0
                           15386  1
                            8338  .

-------------------------------------------------------------------------------
engque56   Sampled child gave correct answer to Question 56, English ICS Exam 1999
-------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                    units:  1
           unique values:  2                     missing .:  8338/38401

              tabulation:  Freq.  Value
                           17602  0
                           12461  1
                            8338  .

-------------------------------------------------------------------------------
engque57   Sampled child gave correct answer to Question 57, English ICS Exam 1999
-------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                    units:  1
           unique values:  2                     missing .:  8338/38401

              tabulation:  Freq.  Value
                           14860  0
                           15203  1
                            8338  .

-------------------------------------------------------------------------------
engque58   Sampled child gave correct answer to Question 58, English ICS Exam 1999
-------------------------------------------------------------------------------

                    type:  numeric (double)

                   range:  [0,1]                    units:  .1
           unique values:  3                     missing .:  21782/38401

              tabulation:  Freq.  Value
                            8085  0
                               1  .5
                            8533  1
                           21782  .

-------------------------------------------------------------------------------
engque59   Sampled child gave correct answer to Question 59, English ICS Exam 1999
-------------------------------------------------------------------------------

                    type:  numeric (double)

                   range:  [0,2.5]                  units:  .1
           unique values:  6                     missing .:  21783/38401
```

```
       tabulation:  Freq.  Value
                    2272  0
                     399  .5
                    1115  1
                   12817  1.5
                       1  2
                      14  2.5
                   21783  .

-------------------------------------------------------------------------------
engque60   Sampled child gave correct answer to Question 60, English ICS Exam 1999
-------------------------------------------------------------------------------

             type:  numeric (double)

            range:  [0,1]                         units:  .1
    unique values:  3                      missing .:   21785/38401

       tabulation:  Freq.  Value
                    4033  0
                       2  .5
                   12581  1
                   21785  .

-------------------------------------------------------------------------------
engque61   Sampled child gave correct answer to Question 61, English ICS Exam 1999
-------------------------------------------------------------------------------

             type:  numeric (double)

            range:  [0,2.5]                       units:  .1
    unique values:  6                      missing .:   21783/38401

       tabulation:  Freq.  Value
                    4312  0
                     222  .5
                     257  1
                     130  1.5
                   11674  2
                      23  2.5
                   21783  .

-------------------------------------------------------------------------------
engque62   Sampled child gave correct answer to Question 62, English ICS Exam 1999
-------------------------------------------------------------------------------

             type:  numeric (double)

            range:  [0,2]                         units:  .1
    unique values:  4                      missing .:   21787/38401

       tabulation:  Freq.  Value
                    6348  0
                       3  .5
                   10262  1
                       1  2
                   21787  .
```

```
------------------------------------------------------------------------------
engque63   Sampled child gave correct answer to Question 63, English ICS Exam 1999
------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                         missing .:  21783/38401

             tabulation:  Freq.  Value
                           4957  0
                          11661  1
                          21783  .

------------------------------------------------------------------------------
engque64   Sampled child gave correct answer to Question 64, English ICS Exam 1999
------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                         missing .:  21918/38401

             tabulation:  Freq.  Value
                           5273  0
                          11210  1
                          21918  .

------------------------------------------------------------------------------
engque65   Sampled child gave correct answer to Question 65, English ICS Exam 1999
------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                         missing .:  21668/38401

             tabulation:  Freq.  Value
                           8749  0
                           7984  1
                          21668  .

------------------------------------------------------------------------------
engque66   Sampled child gave correct answer to Question 66, English ICS Exam 1999
------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                         missing .:  21670/38401

             tabulation:  Freq.  Value
                           8625  0
                           8106  1
                          21670  .
```

```
-------------------------------------------------------------------------------
engque67    Sampled child gave correct answer to Question 67, English ICS Exam 1999
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                       missing .:   21671/38401

            tabulation:  Freq.  Value
                         12255  0
                          4475  1
                         21671  .

-------------------------------------------------------------------------------
engque68    Sampled child gave correct answer to Question 68, English ICS Exam 1999
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                       missing .:   21672/38401

            tabulation:  Freq.  Value
                         14957  0
                          1772  1
                         21672  .

-------------------------------------------------------------------------------
engque69    Sampled child gave correct answer to Question 69, English ICS Exam 1999
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                       missing .:   21672/38401

            tabulation:  Freq.  Value
                         10936  0
                          5793  1
                         21672  .

-------------------------------------------------------------------------------
engque70    Sampled child gave correct answer to Question 70, English ICS Exam 1999
-------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                       missing .:   21673/38401

            tabulation:  Freq.  Value
                         11520  0
                          5208  1
                         21673  .

-------------------------------------------------------------------------------
```

engque71   Sampled child gave correct answer to Question 71, English ICS Exam 1999
----

                  type: numeric (byte)

                 range: [0,1]   units: 1
         unique values: 2   missing .:   21673/38401

            tabulation: Freq. Value
                         10545 0
                          6183 1
                         21673 .

----
engque72   Sampled child gave correct answer to Question 72, English ICS Exam 1999
----

                  type: numeric (byte)

                 range: [0,1]   units: 1
         unique values: 2   missing .:   21674/38401

            tabulation: Freq. Value
                         13444 0
                          3283 1
                         21674 .

----
engque73   Sampled child gave correct answer to Question 73, English ICS Exam 1999
----

                  type: numeric (byte)

                 range: [0,1]   units: 1
         unique values: 2   missing .:   21673/38401

            tabulation: Freq. Value
                         10759 0
                          5969 1
                         21673 .

----
engque74   Sampled child gave correct answer to Question 74, English ICS Exam 1999
----

                  type: numeric (byte)

                 range: [0,1]   units: 1
         unique values: 2   missing .:   21673/38401

            tabulation: Freq. Value
                         13569 0
                          3159 1
                         21673 .

----
engque75   Sampled child gave correct answer to Question 75, English ICS Exam 1999

```
  ------------------------------------------------------------------------------
                 type:  numeric (byte)

                range:  [0,1]                           units:  1
        unique values:  2                         missing .:  21676/38401

           tabulation:  Freq.  Value
                        10265  0
                         6460  1
                        21676  .

  ------------------------------------------------------------------------------
engque76   Sampled child gave correct answer to Question 76, English ICS Exam 1999
  ------------------------------------------------------------------------------
                 type:  numeric (byte)

                range:  [0,1]                           units:  1
        unique values:  2                         missing .:  21676/38401

           tabulation:  Freq.  Value
                        13803  0
                         2922  1
                        21676  .

  ------------------------------------------------------------------------------
engque77   Sampled child gave correct answer to Question 77, English ICS Exam 1999
  ------------------------------------------------------------------------------
                 type:  numeric (byte)

                range:  [0,1]                           units:  1
        unique values:  2                         missing .:  22169/38401

           tabulation:  Freq.  Value
                         8922  0
                         7310  1
                        22169  .

  ------------------------------------------------------------------------------
engque78   Sampled child gave correct answer to Question 78, English ICS Exam 1999
  ------------------------------------------------------------------------------
                 type:  numeric (byte)

                range:  [0,1]                           units:  1
        unique values:  2                         missing .:  22168/38401

           tabulation:  Freq.  Value
                         9056  0
                         7177  1
                        22168  .

  ------------------------------------------------------------------------------
engque79   Sampled child gave correct answer to Question 79, English ICS Exam 1999
  ------------------------------------------------------------------------------
```

```
                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                         missing .:  22168/38401

           tabulation:  Freq.  Value
                         6356  0
                         9877  1
                        22168  .

--------------------------------------------------------------------------------
engque80   Sampled child gave correct answer to Question 80, English ICS Exam 1999
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                         missing .:  22170/38401

           tabulation:  Freq.  Value
                         8913  0
                         7318  1
                        22170  .

--------------------------------------------------------------------------------
engque81   Sampled child gave correct answer to Question 81, English ICS Exam 1999
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                         missing .:  22173/38401

           tabulation:  Freq.  Value
                         9439  0
                         6789  1
                        22173  .

--------------------------------------------------------------------------------
engque82   Sampled child gave correct answer to Question 82, English ICS Exam 1999
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                         missing .:  22175/38401

           tabulation:  Freq.  Value
                        10501  0
                         5725  1
                        22175  .

--------------------------------------------------------------------------------
engque83   Sampled child gave correct answer to Question 83, English ICS Exam 1999
--------------------------------------------------------------------------------
```

```
                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                         missing .:  22177/38401

           tabulation:  Freq.  Value
                         9991  0
                         6233  1
                        22177  .

-------------------------------------------------------------------------------
engque84   Sampled child gave correct answer to Question 84, English ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                         missing .:  22177/38401

           tabulation:  Freq.  Value
                        10341  0
                         5883  1
                        22177  .

-------------------------------------------------------------------------------
engque85   Sampled child gave correct answer to Question 85, English ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                         missing .:  22185/38401

           tabulation:  Freq.  Value
                        10860  0
                         5356  1
                        22185  .

-------------------------------------------------------------------------------
engque86   Sampled child gave correct answer to Question 86, English ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                         missing .:  22185/38401

           tabulation:  Freq.  Value
                        13286  0
                         2930  1
                        22185  .

-------------------------------------------------------------------------------
engque87   Sampled child gave correct answer to Question 87, English ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)
```

```
               range:  [0,1]                            units:  1
       unique values:  2                          missing .:  22186/38401

         tabulation:  Freq.  Value
                      13139  0
                       3076  1
                      22186  .

--------------------------------------------------------------------------------
engque88    Sampled child gave correct answer to Question 88, English ICS Exam 1999
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                            units:  1
       unique values:  2                          missing .:  22186/38401

         tabulation:  Freq.  Value
                       8414  0
                       7801  1
                      22186  .

--------------------------------------------------------------------------------
engque89    Sampled child gave correct answer to Question 89, English ICS Exam 1999
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                            units:  1
       unique values:  2                          missing .:  22187/38401

         tabulation:  Freq.  Value
                       9339  0
                       6875  1
                      22187  .

--------------------------------------------------------------------------------
engque90    Sampled child gave correct answer to Question 90, English ICS Exam 1999
--------------------------------------------------------------------------------

                type:  numeric (double)

               range:  [0,1]                            units:  .1
       unique values:  3                          missing .:  22187/38401

         tabulation:  Freq.  Value
                       9453  0
                          1  .5
                       6760  1
                      22187  .

--------------------------------------------------------------------------------
engque91    Sampled child gave correct answer to Question 91, English ICS Exam 1999
--------------------------------------------------------------------------------

                type:  numeric (byte)
```

```
           range:  [0,1]                          units:  1
   unique values:  2                          missing .:  22187/38401

      tabulation:  Freq.  Value
                   12809  0
                    3405  1
                   22187  .

-------------------------------------------------------------------------------
engque92   Sampled child gave correct answer to Question 92, English ICS Exam 1999
-------------------------------------------------------------------------------

            type:  numeric (byte)

           range:  [0,1]                          units:  1
   unique values:  2                          missing .:  22188/38401

      tabulation:  Freq.  Value
                   13223  0
                    2990  1
                   22188  .

-------------------------------------------------------------------------------
engque93   Sampled child gave correct answer to Question 93, English ICS Exam 1999
-------------------------------------------------------------------------------

            type:  numeric (double)

           range:  [0,2.5]                        units:  .1
   unique values:  6                          missing .:  22187/38401

      tabulation:  Freq.  Value
                    8530  0
                     527  .5
                    1791  1
                    1209  1.5
                    1069  2
                    3088  2.5
                   22187  .

-------------------------------------------------------------------------------
engque94   Sampled child gave correct answer to Question 94, English ICS Exam 1999
-------------------------------------------------------------------------------

            type:  numeric (double)

           range:  [0,1]                          units:  .1
   unique values:  3                          missing .:  22187/38401

      tabulation:  Freq.  Value
                    8956  0
                       1  .5
                    7257  1
                   22187  .

-------------------------------------------------------------------------------
```

```
schmat99                        School ID of sampled child at Math ICS exam, 1998
-------------------------------------------------------------------------------

             type:  numeric (int)
             label:  sch_label, but 159 nonmissing values are not labeled

             range:  [100,912]                    units:  1
      unique values:  159                         missing .:  8157/38401

          examples:  144
                     186
                     268
                     .


-------------------------------------------------------------------------------
stdmat99                        Standard of sampled child at Math ICS exam, 1999
-------------------------------------------------------------------------------

             type:  numeric (byte)
             label:  std_label, but 8 nonmissing values are not labeled

             range:  [1,8]                         units:  1
      unique values:  8                            missing .:  8157/38401

        tabulation:  Freq.    Numeric  Label
                        1          1
                       16          2
                     7048          3
                     6249          4
                     5218          5
                     4584          6
                     4543          7
                     2585          8
                     8157          .

-------------------------------------------------------------------------------
matque1       Sampled child gave correct answer to Question 1, Math ICS Exam 1999
-------------------------------------------------------------------------------

             type:  numeric (byte)

             range:  [0,1]                         units:  1
      unique values:  2                            missing .:  8355/38401

        tabulation:  Freq.  Value
                      1572  0
                     28474  1
                      8355  .


-------------------------------------------------------------------------------
matque2       Sampled child gave correct answer to Question 2, Math ICS Exam 1999
-------------------------------------------------------------------------------

             type:  numeric (byte)

             range:  [0,1]                         units:  1
      unique values:  2                            missing .:  8354/38401
```

```
        tabulation:  Freq.  Value
                      3489  0
                     26558  1
                      8354  .

-------------------------------------------------------------------------------
matque3         Sampled child gave correct answer to Question 3, Math ICS Exam 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                        units:  1
      unique values:  2                       missing .:  8354/38401

        tabulation:  Freq.  Value
                     13530  0
                     16517  1
                      8354  .

-------------------------------------------------------------------------------
matque4         Sampled child gave correct answer to Question 4, Math ICS Exam 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                        units:  1
      unique values:  2                       missing .:  8354/38401

        tabulation:  Freq.  Value
                      4812  0
                     25235  1
                      8354  .

-------------------------------------------------------------------------------
matque5         Sampled child gave correct answer to Question 5, Math ICS Exam 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                        units:  1
      unique values:  2                       missing .:  8355/38401

        tabulation:  Freq.  Value
                      5633  0
                     24413  1
                      8355  .

-------------------------------------------------------------------------------
matque6         Sampled child gave correct answer to Question 6, Math ICS Exam 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                        units:  1
      unique values:  2                       missing .:  8354/38401
```

```
            tabulation:  Freq.   Value
                          8804   0
                         21243   1
                          8354   .

-------------------------------------------------------------------------------
matque7          Sampled child gave correct answer to Question 7, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                       units:  1
        unique values:  2                       missing .:  8354/38401

            tabulation:  Freq.   Value
                         12118   0
                         17929   1
                          8354   .

-------------------------------------------------------------------------------
matque8          Sampled child gave correct answer to Question 8, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                       units:  1
        unique values:  2                       missing .:  8354/38401

            tabulation:  Freq.   Value
                          2885   0
                         27162   1
                          8354   .

-------------------------------------------------------------------------------
matque9          Sampled child gave correct answer to Question 9, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                       units:  1
        unique values:  2                       missing .:  8355/38401

            tabulation:  Freq.   Value
                          5796   0
                         24250   1
                          8355   .

-------------------------------------------------------------------------------
matque10         Sampled child gave correct answer to Question 10, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                       units:  1
        unique values:  2                       missing .:  8355/38401

            tabulation:  Freq.   Value
```

```
                                 7479  0
                                22567  1
                                 8355  .

-------------------------------------------------------------------------------
matque11      Sampled child gave correct answer to Question 11, Math ICS Exam 1999
-------------------------------------------------------------------------------

                    type:   numeric (byte)

                   range:   [0,1]                      units:  1
           unique values:   2                    missing .:  8407/38401

               tabulation:   Freq.  Value
                             5965  0
                            24029  1
                             8407  .

-------------------------------------------------------------------------------
matque12      Sampled child gave correct answer to Question 12, Math ICS Exam 1999
-------------------------------------------------------------------------------

                    type:   numeric (byte)

                   range:   [0,1]                      units:  1
           unique values:   2                    missing .:  8407/38401

               tabulation:   Freq.  Value
                            10050  0
                            19944  1
                             8407  .

-------------------------------------------------------------------------------
matque13      Sampled child gave correct answer to Question 13, Math ICS Exam 1999
-------------------------------------------------------------------------------

                    type:   numeric (byte)

                   range:   [0,1]                      units:  1
           unique values:   2                    missing .:  8406/38401

               tabulation:   Freq.  Value
                            14300  0
                            15695  1
                             8406  .

-------------------------------------------------------------------------------
matque14      Sampled child gave correct answer to Question 14, Math ICS Exam 1999
-------------------------------------------------------------------------------

                    type:   numeric (byte)

                   range:   [0,1]                      units:  1
           unique values:   2                    missing .:  8406/38401

               tabulation:   Freq.  Value
                            19802  0
```

```
                            10193  1
                             8406  .

--------------------------------------------------------------------------------
matque15      Sampled child gave correct answer to Question 15, Math ICS Exam 1999
--------------------------------------------------------------------------------

                      type:  numeric (byte)

                     range:  [0,1]                        units:  1
             unique values:  2                        missing .:  8406/38401

                tabulation:  Freq.  Value
                             16853  0
                             13142  1
                              8406  .

--------------------------------------------------------------------------------
matque16      Sampled child gave correct answer to Question 16, Math ICS Exam 1999
--------------------------------------------------------------------------------

                      type:  numeric (byte)

                     range:  [0,1]                        units:  1
             unique values:  2                        missing .:  8410/38401

                tabulation:  Freq.  Value
                             19105  0
                             10886  1
                              8410  .

--------------------------------------------------------------------------------
matque17      Sampled child gave correct answer to Question 17, Math ICS Exam 1999
--------------------------------------------------------------------------------

                      type:  numeric (byte)

                     range:  [0,1]                        units:  1
             unique values:  2                        missing .:  8417/38401

                tabulation:  Freq.  Value
                              2411  0
                             27573  1
                              8417  .

--------------------------------------------------------------------------------
matque18      Sampled child gave correct answer to Question 18, Math ICS Exam 1999
--------------------------------------------------------------------------------

                      type:  numeric (byte)

                     range:  [0,1]                        units:  1
             unique values:  2                        missing .:  8419/38401

                tabulation:  Freq.  Value
                             18525  0
                             11457  1
```

```
                            8419  .

------------------------------------------------------------------------------
matque19      Sampled child gave correct answer to Question 19, Math ICS Exam 1999
------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                      units:  1
           unique values:  2                  missing .:  8429/38401

               tabulation:  Freq.  Value
                            7204  0
                           22768  1
                            8429  .

------------------------------------------------------------------------------
matque20      Sampled child gave correct answer to Question 20, Math ICS Exam 1999
------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                      units:  1
           unique values:  2                  missing .:  8438/38401

               tabulation:  Freq.  Value
                           12733  0
                           17230  1
                            8438  .

------------------------------------------------------------------------------
matque21      Sampled child gave correct answer to Question 21, Math ICS Exam 1999
------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                      units:  1
           unique values:  2                  missing .:  8577/38401

               tabulation:  Freq.  Value
                           19856  0
                            9968  1
                            8577  .

------------------------------------------------------------------------------
matque22      Sampled child gave correct answer to Question 22, Math ICS Exam 1999
------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                      units:  1
           unique values:  2                  missing .:  8578/38401

               tabulation:  Freq.  Value
                           11079  0
                           18744  1
                            8578  .
```

```
-------------------------------------------------------------------------------
matque23      Sampled child gave correct answer to Question 23, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                       missing .:  8579/38401

          tabulation:   Freq.  Value
                        14788  0
                        15034  1
                         8579  .

-------------------------------------------------------------------------------
matque24      Sampled child gave correct answer to Question 24, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                       missing .:  8579/38401

          tabulation:   Freq.  Value
                        18212  0
                        11610  1
                         8579  .

-------------------------------------------------------------------------------
matque25      Sampled child gave correct answer to Question 25, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                       missing .:  8581/38401

          tabulation:   Freq.  Value
                        18588  0
                        11232  1
                         8581  .

-------------------------------------------------------------------------------
matque26      Sampled child gave correct answer to Question 26, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                       missing .:  8581/38401

          tabulation:   Freq.  Value
                        15311  0
                        14509  1
                         8581  .
```

```
--------------------------------------------------------------------------------
matque27      Sampled child gave correct answer to Question 27, Math ICS Exam 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                      missing .:  8471/38401

            tabulation:  Freq.  Value
                         17303  0
                         12627  1
                          8471  .

--------------------------------------------------------------------------------
matque28      Sampled child gave correct answer to Question 28, Math ICS Exam 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                      missing .:  8468/38401

            tabulation:  Freq.  Value
                         18349  0
                         11584  1
                          8468  .

--------------------------------------------------------------------------------
matque29      Sampled child gave correct answer to Question 29, Math ICS Exam 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                      missing .:  8465/38401

            tabulation:  Freq.  Value
                          9600  0
                         20336  1
                          8465  .

--------------------------------------------------------------------------------
matque30      Sampled child gave correct answer to Question 30, Math ICS Exam 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                        units:  1
         unique values:  2                      missing .:  8465/38401

            tabulation:  Freq.  Value
                         16131  0
                         13805  1
                          8465  .

--------------------------------------------------------------------------------
```

```
matque31     Sampled child gave correct answer to Question 31, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  8465/38401

           tabulation:  Freq.  Value
                        25127  0
                         4809  1
                         8465  .

-------------------------------------------------------------------------------
matque32     Sampled child gave correct answer to Question 32, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  8467/38401

           tabulation:  Freq.  Value
                        17420  0
                        12514  1
                         8467  .

-------------------------------------------------------------------------------
matque33     Sampled child gave correct answer to Question 33, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  22230/38401

           tabulation:  Freq.  Value
                        10989  0
                         5182  1
                        22230  .

-------------------------------------------------------------------------------
matque34     Sampled child gave correct answer to Question 34, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  22230/38401

           tabulation:  Freq.  Value
                        10848  0
                         5323  1
                        22230  .

-------------------------------------------------------------------------------
matque35     Sampled child gave correct answer to Question 35, Math ICS Exam 1999
```

```
              ----------------------------------------------------------------------------

                         type:  numeric (byte)

                        range:  [0,1]                               units:  1
              unique values:  2                           missing .:  22230/38401

                   tabulation:  Freq.  Value
                                11797  0
                                 4374  1
                                22230  .

              ----------------------------------------------------------------------------
matque36      Sampled child gave correct answer to Question 36, Math ICS Exam 1999
              ----------------------------------------------------------------------------

                         type:  numeric (byte)

                        range:  [0,1]                               units:  1
              unique values:  2                           missing .:  22230/38401

                   tabulation:  Freq.  Value
                                 8954  0
                                 7217  1
                                22230  .

              ----------------------------------------------------------------------------
matque37      Sampled child gave correct answer to Question 37, Math ICS Exam 1999
              ----------------------------------------------------------------------------

                         type:  numeric (byte)

                        range:  [0,1]                               units:  1
              unique values:  2                           missing .:  22231/38401

                   tabulation:  Freq.  Value
                                 9715  0
                                 6455  1
                                22231  .

              ----------------------------------------------------------------------------
matque38      Sampled child gave correct answer to Question 38, Math ICS Exam 1999
              ----------------------------------------------------------------------------

                         type:  numeric (byte)

                        range:  [0,1]                               units:  1
              unique values:  2                           missing .:  22234/38401

                   tabulation:  Freq.  Value
                                 8001  0
                                 8166  1
                                22234  .

              ----------------------------------------------------------------------------
matque39      Sampled child gave correct answer to Question 39, Math ICS Exam 1999
              ----------------------------------------------------------------------------
```

```
              type:  numeric (byte)

             range:  [0,1]                        units:  1
      unique values:  2                       missing .:   22235/38401

        tabulation:  Freq.  Value
                      5119  0
                     11047  1
                     22235  .

-------------------------------------------------------------------------------
matque40     Sampled child gave correct answer to Question 40, Math ICS Exam 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                        units:  1
      unique values:  2                       missing .:   22239/38401

        tabulation:  Freq.  Value
                     11628  0
                      4534  1
                     22239  .

-------------------------------------------------------------------------------
matque41     Sampled child gave correct answer to Question 41, Math ICS Exam 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                        units:  1
      unique values:  2                       missing .:   22293/38401

        tabulation:  Freq.  Value
                     11437  0
                      4671  1
                     22293  .

-------------------------------------------------------------------------------
matque42     Sampled child gave correct answer to Question 42, Math ICS Exam 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                        units:  1
      unique values:  2                       missing .:   22290/38401

        tabulation:  Freq.  Value
                      8507  0
                      7604  1
                     22290  .

-------------------------------------------------------------------------------
matque43     Sampled child gave correct answer to Question 43, Math ICS Exam 1999
-------------------------------------------------------------------------------
```

```
                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                        missing .:  22298/38401

           tabulation:  Freq.  Value
                        7020  0
                        9083  1
                       22298  .

-------------------------------------------------------------------------------
matque44      Sampled child gave correct answer to Question 44, Math ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                        missing .:  22307/38401

           tabulation:  Freq.  Value
                       13051  0
                        3043  1
                       22307  .

-------------------------------------------------------------------------------
matque45      Sampled child gave correct answer to Question 45, Math ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                        missing .:  22315/38401

           tabulation:  Freq.  Value
                       11963  0
                        4123  1
                       22315  .

-------------------------------------------------------------------------------
matque46      Sampled child gave correct answer to Question 46, Math ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                        missing .:  22327/38401

           tabulation:  Freq.  Value
                       12964  0
                        3110  1
                       22327  .

-------------------------------------------------------------------------------
matque47      Sampled child gave correct answer to Question 47, Math ICS Exam 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)
```

```
              range:  [0,1]                           units:  1
      unique values:  2                         missing .:  22339/38401

         tabulation:  Freq.  Value
                      12888  0
                       3174  1
                      22339  .

----------------------------------------------------------------------------
matque48      Sampled child gave correct answer to Question 48, Math ICS Exam 1999
----------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                           units:  1
      unique values:  2                         missing .:  22344/38401

         tabulation:  Freq.  Value
                      13483  0
                       2574  1
                      22344  .

----------------------------------------------------------------------------
matque49      Sampled child gave correct answer to Question 49, Math ICS Exam 1999
----------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                           units:  1
      unique values:  2                         missing .:  22347/38401

         tabulation:  Freq.  Value
                      13471  0
                       2583  1
                      22347  .

----------------------------------------------------------------------------
matque50      Sampled child gave correct answer to Question 50, Math ICS Exam 1999
----------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                           units:  1
      unique values:  2                         missing .:  22045/38401

         tabulation:  Freq.  Value
                      11584  0
                       4772  1
                      22045  .

----------------------------------------------------------------------------
matque51      Sampled child gave correct answer to Question 51, Math ICS Exam 1999
----------------------------------------------------------------------------

               type:  numeric (byte)
```

```
          range:  [0,1]                              units:  1
  unique values:  2                          missing .:  22048/38401

    tabulation:  Freq.  Value
                 12884  0
                  3469  1
                 22048  .

--------------------------------------------------------------------------------
matque52      Sampled child gave correct answer to Question 52, Math ICS Exam 1999
--------------------------------------------------------------------------------

            type:  numeric (byte)

          range:  [0,1]                              units:  1
  unique values:  2                          missing .:  22050/38401

    tabulation:  Freq.  Value
                 12156  0
                  4195  1
                 22050  .

--------------------------------------------------------------------------------
matque53      Sampled child gave correct answer to Question 53, Math ICS Exam 1999
--------------------------------------------------------------------------------

            type:  numeric (byte)

          range:  [0,1]                              units:  1
  unique values:  2                          missing .:  22053/38401

    tabulation:  Freq.  Value
                 12743  0
                  3605  1
                 22053  .

--------------------------------------------------------------------------------
matque54      Sampled child gave correct answer to Question 54, Math ICS Exam 1999
--------------------------------------------------------------------------------

            type:  numeric (byte)

          range:  [0,1]                              units:  1
  unique values:  2                          missing .:  22058/38401

    tabulation:  Freq.  Value
                 10141  0
                  6202  1
                 22058  .

--------------------------------------------------------------------------------
matque55      Sampled child gave correct answer to Question 55, Math ICS Exam 1999
--------------------------------------------------------------------------------

            type:  numeric (byte)

          range:  [0,1]                              units:  1
```

```
      unique values:  2                         missing .:  22065/38401

         tabulation:  Freq.  Value
                      12969  0
                       3367  1
                      22065  .

---------------------------------------------------------------------------------
matque56      Sampled child gave correct answer to Question 56, Math ICS Exam 1999
---------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                        units:  1
      unique values:  2                         missing .:  22067/38401

         tabulation:  Freq.  Value
                      13421  0
                       2913  1
                      22067  .

---------------------------------------------------------------------------------
matque57      Sampled child gave correct answer to Question 57, Math ICS Exam 1999
---------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                        units:  1
      unique values:  2                         missing .:  22074/38401

         tabulation:  Freq.  Value
                      13576  0
                       2751  1
                      22074  .

---------------------------------------------------------------------------------
matque58      Sampled child gave correct answer to Question 58, Math ICS Exam 1999
---------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                        units:  1
      unique values:  2                         missing .:  22167/38401

         tabulation:  Freq.  Value
                      13648  0
                       2586  1
                      22167  .

---------------------------------------------------------------------------------
matque59      Sampled child gave correct answer to Question 59, Math ICS Exam 1999
---------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                        units:  1
      unique values:  2                         missing .:  22175/38401
```

```
           tabulation:  Freq.  Value
                        12212  0
                         4014  1
                        22175  .

-------------------------------------------------------------------------------
matque60     Sampled child gave correct answer to Question 60, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  22175/38401

           tabulation:  Freq.  Value
                        10518  0
                         5708  1
                        22175  .

-------------------------------------------------------------------------------
matque61     Sampled child gave correct answer to Question 61, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  22186/38401

           tabulation:  Freq.  Value
                        10473  0
                         5742  1
                        22186  .

-------------------------------------------------------------------------------
matque62     Sampled child gave correct answer to Question 62, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  22190/38401

           tabulation:  Freq.  Value
                        13421  0
                         2790  1
                        22190  .

-------------------------------------------------------------------------------
matque63     Sampled child gave correct answer to Question 63, Math ICS Exam 1999
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  22082/38401
```

```
                    tabulation:  Freq.  Value
                                 11562  0
                                  4757  1
                                 22082  .

-------------------------------------------------------------------------------
matque64      Sampled child gave correct answer to Question 64, Math ICS Exam 1999
-------------------------------------------------------------------------------

                         type:  numeric (byte)

                        range:  [0,1]                      units:  1
                unique values:  2                    missing .:  22090/38401

                    tabulation:  Freq.  Value
                                 12417  0
                                  3894  1
                                 22090  .

-------------------------------------------------------------------------------
matque65      Sampled child gave correct answer to Question 65, Math ICS Exam 1999
-------------------------------------------------------------------------------

                         type:  numeric (byte)

                        range:  [0,1]                      units:  1
                unique values:  2                    missing .:  22091/38401

                    tabulation:  Freq.  Value
                                 12462  0
                                  3848  1
                                 22091  .

-------------------------------------------------------------------------------
matque66      Sampled child gave correct answer to Question 66, Math ICS Exam 1999
-------------------------------------------------------------------------------

                         type:  numeric (byte)

                        range:  [0,1]                      units:  1
                unique values:  2                    missing .:  22094/38401

                    tabulation:  Freq.  Value
                                 13078  0
                                  3229  1
                                 22094  .

-------------------------------------------------------------------------------
matque67      Sampled child gave correct answer to Question 67, Math ICS Exam 1999
-------------------------------------------------------------------------------

                         type:  numeric (byte)

                        range:  [0,1]                      units:  1
                unique values:  2                    missing .:  22099/38401

                    tabulation:  Freq.  Value
```

```
                            12576  0
                             3726  1
                            22099  .

-------------------------------------------------------------------------------
matque68      Sampled child gave correct answer to Question 68, Math ICS Exam 1999
-------------------------------------------------------------------------------

                   type:  numeric (byte)

                  range:  [0,1]                        units:  1
          unique values:  2                      missing .:  22162/38401

             tabulation:  Freq.  Value
                          14621  0
                           1618  1
                          22162  .

-------------------------------------------------------------------------------
matque69      Sampled child gave correct answer to Question 69, Math ICS Exam 1999
-------------------------------------------------------------------------------

                   type:  numeric (byte)

                  range:  [0,1]                        units:  1
          unique values:  2                      missing .:  22160/38401

             tabulation:  Freq.  Value
                          13014  0
                           3227  1
                          22160  .

-------------------------------------------------------------------------------
matque70      Sampled child gave correct answer to Question 70, Math ICS Exam 1999
-------------------------------------------------------------------------------

                   type:  numeric (byte)

                  range:  [0,1]                        units:  1
          unique values:  2                      missing .:  22162/38401

             tabulation:  Freq.  Value
                          14872  0
                           1367  1
                          22162  .
```

7. Codebook for comply.dta

```
--------------------------------------------------------------------------------
pupid                                                            Pupil ID Number
--------------------------------------------------------------------------------

              type:  numeric (long)

             range:  [1036021,19110600]           units:  1
     unique values:  44461                    missing .:   76/44570

              mean:    2.2e+06
         std. dev:    896743

       percentiles:         10%       25%       50%       75%       90%
                        1.2e+06   1.7e+06   2.1e+06   2.7e+06   2.9e+06


--------------------------------------------------------------------------------
sch98v1                            School ID of sampled child in Visit 1, 1998
--------------------------------------------------------------------------------

              type:  numeric (int)
             label:  sch_label, but 75 nonmissing values are not labeled

             range:  [108,297]                    units:  1
     unique values:  75                       missing .:   10447/44570

          examples:  167
                     210
                     272
                     .


--------------------------------------------------------------------------------
sch981c                  School ID of sampled child at treatment in Round 1, 1998
--------------------------------------------------------------------------------

              type:  numeric (int)

             range:  [108,297]                    units:  1
     unique values:  75                       missing .:   33935/44570

              mean:    226.768
         std. dev:    56.0537

       percentiles:         10%       25%       50%       75%       90%
                           142       206       219       279       290


--------------------------------------------------------------------------------
std981c     Standard (grade level) of sampled child at treatment in Round 1, 1998
--------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,99]                       units:  1
```

```
        unique values:  15                        missing .:  33985/44570

               mean:   5.27189
           std. dev:   9.34127

         percentiles:        10%      25%      50%      75%      90%
                              1        2        4        6        7

-------------------------------------------------------------------------------
any98                                          Any medical treatment in 1998
-------------------------------------------------------------------------------

               type:   numeric (byte)

              range:   [0,1]                       units:  1
        unique values:  2                         missing .:  12322/44570

          tabulation:   Freq.  Value
                        25219  0
                         7029  1
                        12322  .

-------------------------------------------------------------------------------
a981                                    Treated with albendazole in Round 1, 1998
-------------------------------------------------------------------------------

               type:   numeric (byte)

              range:   [0,1]                       units:  1
        unique values:  2                         missing .:  12322/44570

          tabulation:   Freq.  Value
                        26119  0
                         6129  1
                        12322  .

-------------------------------------------------------------------------------
whyno981                        Why not treated with albendazole in Round 1, 1998
-------------------------------------------------------------------------------

               type:   numeric (byte)
              label:   treat_label

              range:   [5,10]                      units:  1
        unique values:  6                         missing .:  41951/44570

          tabulation:   Freq.   Numeric  Label
                          46          5  Dropped
                         807          6  No reason given
                        1132          7  Girl over age 12
                           1          8  No parental consent
                         626          9  Absent
                           7         10  Transfer
                       41951          .

-------------------------------------------------------------------------------
a982                                    Treated with albendazole in Round 2, 1998
```

```
          ----------------------------------------------------------------------
                   type:  numeric (byte)

                  range:  [0,1]                          units:  1
          unique values:  2                          missing .:  12322/44570

             tabulation:  Freq.  Value
                          27286  0
                           4962  1
                          12322  .

          ----------------------------------------------------------------------
whyno982                             Why not treated with albendazole in Round 2, 1998
          ----------------------------------------------------------------------

                   type:  numeric (byte)
                  label:  treat_label

                  range:  [5,10]                         units:  1
          unique values:  6                          missing .:  40948/44570

             tabulation:  Freq.   Numeric  Label
                             45         5  Dropped
                           1417         6  No reason given
                           1136         7  Girl over age 12
                              9         8  No parental consent
                           1008         9  Absent
                              7        10  Transfer
                          40948         .

          ----------------------------------------------------------------------
p98                                             Treated with praziquantel in 1998
          ----------------------------------------------------------------------

                   type:  numeric (byte)

                  range:  [0,1]                          units:  1
          unique values:  2                          missing .:  41853/44570

             tabulation:  Freq.  Value
                           1056  0
                           1661  1
                          41853  .

          ----------------------------------------------------------------------
whyno98p                              Why not treated with praziquantel in 1998
          ----------------------------------------------------------------------

                   type:  numeric (byte)
                  label:  treat_label

                  range:  [5,10]                         units:  1
          unique values:  6                          missing .:  40255/44570

             tabulation:  Freq.   Numeric  Label
                             36         5  Dropped
```

```
                     3110          6  No reason given
                      646          7  Girl over age 12
                        1          8  No parental consent
                      519          9  Absent
                        3         10  Transfer
                    40255          .
```

----
psch98   School mass treated with praziquantel, 1998

```
              type:  numeric (byte)

             range:  [0,1]                          units:  1
     unique values:  2                         missing .:  0/44570

        tabulation:  Freq.  Value
                     41712  0
                      2858  1
```

----
sch991c   School ID of sampled child at treatment in Round 1, 1999

```
              type:  numeric (int)

             range:  [108,297]                      units:  1
     unique values:  75                        missing .:  20943/44570

              mean:  210.744
          std. dev:  60.1188

       percentiles:        10%      25%      50%      75%      90%
                           118      165      210      269      290
```

----
std991c   Standard (grade level) of sampled child at treatment in Round 1, 1999

```
              type:  numeric (byte)

             range:  [0,99]                         units:  1
     unique values:  16                        missing .:  21033/44570

              mean:  8.64677
          std. dev:  15.5207

       percentiles:        10%      25%      50%      75%      90%
                             1        2        4        7       11
```

----
consnt99   Signed parental consent was given for treatment, 1999

```
              type:  numeric (byte)

             range:  [0,1]                          units:  1
```

```
       unique values:  2                         missing .:  12322/44570

          tabulation:  Freq.   Value
                       23726   0
                        8522   1
                       12322   .

--------------------------------------------------------------------------------
any99                                                 Any medical treatment in 1999
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                           units:  1
       unique values:  2                         missing .:  12322/44570

          tabulation:  Freq.   Value
                       22309   0
                        9939   1
                       12322   .

--------------------------------------------------------------------------------
a991                                            Treated with albendazole in Round 1, 1999
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                           units:  1
       unique values:  2                         missing .:  12322/44570

          tabulation:  Freq.   Value
                       25317   0
                        6931   1
                       12322   .

--------------------------------------------------------------------------------
whyno991                                            Why not treated in Round 1, 1999
--------------------------------------------------------------------------------

                type:  numeric (byte)
               label:  treat_label

               range:  [5,10]                          units:  1
       unique values:  6                         missing .:  41342/44570

          tabulation:  Freq.   Numeric  Label
                        118          5  Dropped
                        333          6  No reason given
                       1249          7  Girl over age 12
                        109          8  No parental consent
                       1300          9  Absent
                        119         10  Transfer
                      41342          .

--------------------------------------------------------------------------------
a992                                            Treated with albendazole in Round 2, 1999
--------------------------------------------------------------------------------
```

```
          type:  numeric (byte)

         range:  [0,1]                            units:  1
 unique values:  2                              missing .:  12322/44570

    tabulation:  Freq.  Value
                 23292  0
                  8956  1
                 12322  .

-------------------------------------------------------------------------------
whyno992                                        Why not treated in Round 2, 1999
-------------------------------------------------------------------------------

          type:  numeric (byte)
         label:  treat_label

         range:  [5,10]                           units:  1
 unique values:  6                              missing .:  39687/44570

    tabulation:  Freq.   Numeric  Label
                   674         5  Dropped
                    73         6  No reason given
                  1439         7  Girl over age 12
                   140         8  No parental consent
                  2227         9  Absent
                   330        10  Transfer
                 39687         .

-------------------------------------------------------------------------------
p99                                             Treated with praziquantel in 1999
-------------------------------------------------------------------------------

          type:  numeric (byte)

         range:  [0,1]                            units:  1
 unique values:  2                              missing .:  36842/44570

    tabulation:  Freq.  Value
                  5211  0
                  2517  1
                 36842  .

-------------------------------------------------------------------------------
psch99                                   School mass treated with praziquantel, 1999
-------------------------------------------------------------------------------

          type:  numeric (byte)

         range:  [0,1]                            units:  1
 unique values:  2                              missing .:  0/44570

    tabulation:  Freq.  Value
                 35876  0
                  8694  1
```

8. Codebook for comply_old.dta

```
--------------------------------------------------------------------------------
pupid                                                            Pupil ID Number
--------------------------------------------------------------------------------

               type:  numeric (long)

              range:  [1071714,9146209]          units:  1
      unique values:  38445                      missing .:  76/38533

               mean:   2.1e+06
          std. dev:    725409

       percentiles:        10%       25%       50%       75%       90%
                       1.2e+06   1.7e+06   2.1e+06   2.7e+06   2.9e+06


--------------------------------------------------------------------------------
sch98v1                               School ID of sampled child in Visit 1, 1998
--------------------------------------------------------------------------------

               type:  numeric (int)
              label:  sch_label, but 75 nonmissing values are not labeled

              range:  [108,297]                  units:  1
      unique values:  75                         missing .:  3741/38533

           examples:  166
                      205
                      262
                      289


--------------------------------------------------------------------------------
sch981c                 School ID of sampled child at treatment in Round 1, 1998
--------------------------------------------------------------------------------

               type:  numeric (int)

              range:  [108,297]                  units:  1
      unique values:  75                         missing .:  27907/38533

               mean:   226.742
          std. dev:   56.0638

       percentiles:        10%       25%       50%       75%       90%
                           142       206     218.5       279       290


--------------------------------------------------------------------------------
std981c      Standard (grade level) of sampled child at treatment in Round 1, 1998
--------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,99]                      units:  1
```

```
        unique values:  15                              missing .:  27957/38533

                 mean:   5.27392
             std. dev:   9.34472

          percentiles:        10%       25%       50%       75%       90%
                                1         2         4         6         7

-------------------------------------------------------------------------------
any98                                          Any medical treatment in 1998
-------------------------------------------------------------------------------

                 type:   numeric (byte)

                range:   [0,1]                           units:  1
        unique values:   2                             missing .:  5707/38533

           tabulation:   Freq.  Value
                         25801  0
                          7025  1
                          5707  .

-------------------------------------------------------------------------------
a981                                    Treated with albendazole in Round 1, 1998
-------------------------------------------------------------------------------

                 type:   numeric (byte)

                range:   [0,1]                           units:  1
        unique values:   2                             missing .:  5707/38533

           tabulation:   Freq.  Value
                         26700  0
                          6126  1
                          5707  .

-------------------------------------------------------------------------------
whyno981                         Why not treated with albendazole in Round 1, 1998
-------------------------------------------------------------------------------

                 type:   numeric (byte)
                label:   treat_label

                range:   [5,10]                          units:  1
        unique values:   6                             missing .:  35917/38533

           tabulation:   Freq.   Numeric  Label
                            46         5  Dropped
                           807         6  No reason given
                          1131         7  Girl over age 12
                             1         8  No parental consent
                           624         9  Absent
                             7        10  Transfer
                         35917         .

-------------------------------------------------------------------------------
a982                                    Treated with albendazole in Round 2, 1998
```

```
              -------------------------------------------------------------------------------
                      type:  numeric (byte)

                     range:  [0,1]                              units:  1
             unique values:  2                              missing .:  5707/38533

                tabulation:  Freq.  Value
                             27868  0
                              4958  1
                              5707  .

              -------------------------------------------------------------------------------
whyno982                                     Why not treated with albendazole in Round 2, 1998
              -------------------------------------------------------------------------------
                      type:  numeric (byte)
                     label:  treat_label

                     range:  [5,10]                             units:  1
             unique values:  6                              missing .:  34913/38533

                tabulation:  Freq.   Numeric  Label
                                45         5  Dropped
                              1416         6  No reason given
                              1135         7  Girl over age 12
                                 9         8  No parental consent
                              1008         9  Absent
                                 7        10  Transfer
                             34913         .

              -------------------------------------------------------------------------------
p98                                                   Treated with praziquantel in 1998
              -------------------------------------------------------------------------------
                      type:  numeric (byte)

                     range:  [0,1]                              units:  1
             unique values:  2                              missing .:  35683/38533

                tabulation:  Freq.  Value
                              1189  0
                              1661  1
                             35683  .

              -------------------------------------------------------------------------------
whyno98p                                       Why not treated with praziquantel in 1998
              -------------------------------------------------------------------------------
                      type:  numeric (byte)
                     label:  treat_label

                     range:  [5,10]                             units:  1
             unique values:  6                              missing .:  34221/38533

                tabulation:  Freq.   Numeric  Label
                                36         5  Dropped
```

```
                        3108         6  No reason given
                         645         7  Girl over age 12
                           1         8  No parental consent
                         519         9  Absent
                           3        10  Transfer
                       34221         .

-------------------------------------------------------------------------------
psch98                               School mass treated with praziquantel, 1998
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                      missing .:  0/38533

          tabulation:  Freq.  Value
                       35619  0
                        2914  1

-------------------------------------------------------------------------------
sch991c                 School ID of sampled child at treatment in Round 1, 1999
-------------------------------------------------------------------------------

                type:  numeric (int)

               range:  [108,297]                    units:  1
       unique values:  75                     missing .:  14927/38533

                mean:  210.719
            std. dev:  60.1232

         percentiles:        10%      25%      50%      75%      90%
                             118      165      210      269      290

-------------------------------------------------------------------------------
std991c     Standard (grade level) of sampled child at treatment in Round 1, 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,99]                       units:  1
       unique values:  16                     missing .:  15017/38533

                mean:  8.65109
            std. dev:  15.5268

         percentiles:        10%      25%      50%      75%      90%
                               1        2        4        7       11

-------------------------------------------------------------------------------
consnt99                  Signed parental consent was given for treatment, 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                        units:  1
```

```
          unique values:  2                              missing .:  5707/38533

             tabulation:  Freq.  Value
                          24309  0
                           8517  1
                           5707  .

-------------------------------------------------------------------------------
any99                                              Any medical treatment in 1999
-------------------------------------------------------------------------------

                   type:  numeric (byte)

                  range:  [0,1]                        units:  1
          unique values:  2                          missing .:  5707/38533

             tabulation:  Freq.  Value
                          22893  0
                           9933  1
                           5707  .

-------------------------------------------------------------------------------
a991                                       Treated with albendazole in Round 1, 1999
-------------------------------------------------------------------------------

                   type:  numeric (byte)

                  range:  [0,1]                        units:  1
          unique values:  2                          missing .:  5707/38533

             tabulation:  Freq.  Value
                          25892  0
                           6934  1
                           5707  .

-------------------------------------------------------------------------------
whyno991                                         Why not treated in Round 1, 1999
-------------------------------------------------------------------------------

                   type:  numeric (byte)
                  label:  treat_label

                  range:  [5,10]                       units:  1
          unique values:  6                          missing .:  35312/38533

             tabulation:  Freq.   Numeric  Label
                            118        5  Dropped
                            333        6  No reason given
                           1246        7  Girl over age 12
                            109        8  No parental consent
                           1296        9  Absent
                            119       10  Transfer
                          35312         .

-------------------------------------------------------------------------------
a992                                       Treated with albendazole in Round 2, 1999
-------------------------------------------------------------------------------
```

```
             type:  numeric (byte)

            range:  [0,1]                            units:  1
    unique values:  2                          missing .:  5707/38533

       tabulation:  Freq.  Value
                    23876  0
                     8950  1
                     5707  .

-------------------------------------------------------------------------------
whyno992                                      Why not treated in Round 2, 1999
-------------------------------------------------------------------------------

             type:  numeric (byte)
            label:  treat_label

            range:  [5,10]                           units:  1
    unique values:  6                          missing .:  33654/38533

       tabulation:  Freq.   Numeric  Label
                      673         5  Dropped
                       73         6  No reason given
                     1437         7  Girl over age 12
                      140         8  No parental consent
                     2226         9  Absent
                      330        10  Transfer
                    33654         .

-------------------------------------------------------------------------------
p99                                           Treated with praziquantel in 1999
-------------------------------------------------------------------------------

             type:  numeric (byte)

            range:  [0,1]                            units:  1
    unique values:  2                          missing .:  28984/38533

       tabulation:  Freq.  Value
                     7031  0
                     2518  1
                    28984  .

-------------------------------------------------------------------------------
psch99                                 School mass treated with praziquantel, 1999
-------------------------------------------------------------------------------

             type:  numeric (byte)

            range:  [0,1]                            units:  1
    unique values:  2                          missing .:  0/38533

       tabulation:  Freq.  Value
                    29657  0
                     8876  1
```

9. Codebook for pupq.dta

```
--------------------------------------------------------------------------------
pupid                                                           Pupil ID Number
--------------------------------------------------------------------------------

                type:  numeric (long)

               range:  [1082006,9127006]           units:  1
       unique values:  15750                    missing .:  0/15750

                mean:   2.2e+06
           std. dev:   609489

         percentiles:        10%        25%        50%        75%        90%
                         1.3e+06    1.8e+06    2.2e+06    2.7e+06    2.9e+06


--------------------------------------------------------------------------------
pupdate_98_1                            1, Date of pupil questionnaire, 1998
--------------------------------------------------------------------------------

                type:  string (str7)

       unique values:  50                      missing "":  2620/15750

            examples:  "1/28/98"
                       "2/20/98"
                       "2/9/98"
                       "3/20/98"


--------------------------------------------------------------------------------
schid_98_2              2, School ID of sampled child at pupil questionnaire, 1998
--------------------------------------------------------------------------------

                type:  numeric (int)

               range:  [108,297]                    units:  1
       unique values:  75                       missing .:  2620/15750

                mean:   219.597
           std. dev:   59.0326

         percentiles:        10%        25%        50%        75%        90%
                             119        182        215        273        292


--------------------------------------------------------------------------------
std_98_3                                3, Standard (grade level) of sampled child
                                        at pupil questionnaire, 1998
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [3,8]                        units:  1
       unique values:  6                        missing .:  2620/15750
```

```
         tabulation:    Freq.  Value
                        2645   3
                        2484   4
                        2328   5
                        2171   6
                        2061   7
                        1441   8
                        2620   .

----------------------------------------------------------------------------
absdays_98_6   6, In register, # of days marked absent during previous 4 wks, 1998
----------------------------------------------------------------------------

                type:   numeric (byte)

               range:   [0,14]                      units:  1
       unique values:   12                     missing .:   2772/15750

                mean:   .626676
           std. dev:    1.43837

         percentiles:        10%       25%       50%       75%       90%
                              0         0         0         1         2

----------------------------------------------------------------------------
pupintwr_98_7                                        7, ID of Interviewer, 1998
----------------------------------------------------------------------------

                type:   numeric (byte)

               range:   [1,8]                       units:  1
       unique values:   8                      missing .:   2623/15750

          tabulation:   Freq.  Value
                        1635   1
                        1801   2
                         501   3
                        1754   4
                        2047   5
                        1770   6
                        1800   7
                        1819   8
                        2623   .

----------------------------------------------------------------------------
sex_98_9                                              9, Pupil is male, 1998
----------------------------------------------------------------------------

                type:   numeric (byte)

               range:   [0,1]                       units:  1
       unique values:   2                      missing .:   2620/15750

          tabulation:   Freq.  Value
                        6334   0
                        6796   1
```

```
                     2620    .

--------------------------------------------------------------------------------
weight_98_11                                         11, Pupil's Weight (kg)
--------------------------------------------------------------------------------

               type:  numeric (float)

              range:  [15,75]                        units:  .1
      unique values:  157                       missing .:  2623/15750

               mean:  37.0312
           std. dev:  9.67661

        percentiles:         10%         25%         50%         75%         90%
                              26          30          35          44          51


--------------------------------------------------------------------------------
shoes_98_12                          12, Child is wearing shoes or slippers, 1998
--------------------------------------------------------------------------------

               type:  numeric (byte)
              label:  shoes_l

              range:  [1,3]                          units:  1
      unique values:  3                         missing .:  2622/15750

         tabulation:  Freq.   Numeric  Label
                       1272         1  Shoes
                       1012         2  Slippers
                      10844         3  None
                       2622         .


--------------------------------------------------------------------------------
uniform_98_13                                  13, Child has a uniform, 1998
--------------------------------------------------------------------------------

               type:  numeric (byte)
              label:  uni_l

              range:  [1,3]                          units:  1
      unique values:  3                         missing .:  2622/15750

         tabulation:  Freq.   Numeric  Label
                      11235         1  Full uniform
                       1068         2  Partial
                        825         3  None
                       2622         .


--------------------------------------------------------------------------------
clothes_98_14                              14, Condition of the clothing, 1998
--------------------------------------------------------------------------------

               type:  numeric (byte)
              label:  clothes_l

              range:  [1,3]                          units:  1
```

```
       unique values:  3                         missing .:  2622/15750

          tabulation:  Freq.   Numeric  Label
                        7139         1  No holes/tears
                        4538         2  A few holes/tears
                        1451         3  Many holes/tears
                        2622         .

-------------------------------------------------------------------------------
clean_98_15                               15, Cleanliness of face and hands, 1998
-------------------------------------------------------------------------------

                 type:  numeric (byte)
                label:  clean_l

                range:  [1,3]                        units:  1
       unique values:  3                         missing .:  2621/15750

          tabulation:  Freq.   Numeric  Label
                        8434         1  Clean
                        4353         2  A bit dirty
                         342         3  Very dirty
                        2621         .

-------------------------------------------------------------------------------
fingnail_98_16                              16, Child has long fingernails, 1998
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
       unique values:  2                         missing .:  2621/15750

          tabulation:  Freq.  Value
                       10794  0
                        2335  1
                        2621  .

-------------------------------------------------------------------------------
belly_98_17                    17, Child has a swollen or distended belly, 1998
-------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
       unique values:  2                         missing .:  2621/15750

          tabulation:  Freq.  Value
                       11453  0
                        1676  1
                        2621  .

-------------------------------------------------------------------------------
yearborn_98_19                                          19, Year of birth, 1998
-------------------------------------------------------------------------------

                 type:  numeric (byte)
```

```
          range:  [12,91]                         units:  1
  unique values:  25                         missing .:  6861/15750

           mean:  83.8097
      std. dev:   2.88014

    percentiles:         10%       25%       50%       75%       90%
                          82        82        84        85        87

--------------------------------------------------------------------------------
age_98_18                                      18, Pupil's age (yr), 1998
--------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [6,21]                          units:  1
  unique values:  16                         missing .:  2669/15750

           mean:  12.9622
      std. dev:   2.21479

    percentiles:         10%       25%       50%       75%       90%
                          10        11        13        15        16

--------------------------------------------------------------------------------
texts_98_21           21, Number of textbooks owned for current standard, 1998
--------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,60]                          units:  1
  unique values:  22                         missing .:  2639/15750

           mean:  .909389
      std. dev:   1.70104

    percentiles:         10%       25%       50%       75%       90%
                           0         0         0         1         3

--------------------------------------------------------------------------------
floor_98_22                           22, What floor of house is made of, 1998
--------------------------------------------------------------------------------

           type:  numeric (byte)
          label:  floor_l, but 1 nonmissing value is not labeled

          range:  [0,1]                           units:  1
  unique values:  2                          missing .:  2622/15750

      tabulation:  Freq.   Numeric  Label
                   10239         0
                    2889         1   Cement
                    2622         .

--------------------------------------------------------------------------------
cows_98_23                                     23, Cows are kept at home, 1998
```

```
          ----------------------------------------------------------------------
                   type:  numeric (byte)

                  range:  [0,1]                           units:  1
          unique values:  2                       missing .:  2624/15750

             tabulation:  Freq.  Value
                           6987  0
                           6139  1
                           2624  .

          ----------------------------------------------------------------------
goats_98_24                                       24, Goats are kept at home, 1998
          ----------------------------------------------------------------------

                   type:  numeric (byte)

                  range:  [0,1]                           units:  1
          unique values:  2                       missing .:  2623/15750

             tabulation:  Freq.  Value
                           7987  0
                           5140  1
                           2623  .

          ----------------------------------------------------------------------
sheep_98_25                                       25, Sheep are kept at home, 1998
          ----------------------------------------------------------------------

                   type:  numeric (byte)

                  range:  [0,1]                           units:  1
          unique values:  2                       missing .:  2622/15750

             tabulation:  Freq.  Value
                          10510  0
                           2618  1
                           2622  .

          ----------------------------------------------------------------------
pigs_98_26                                         26, Pigs are kept at home, 1998
          ----------------------------------------------------------------------

                   type:  numeric (byte)

                  range:  [0,1]                           units:  1
          unique values:  2                       missing .:  2626/15750

             tabulation:  Freq.  Value
                          10483  0
                           2641  1
                           2626  .

          ----------------------------------------------------------------------
poultry_98_27                                   27, Poultry are kept at home, 1998
          ----------------------------------------------------------------------
```

```
                    type:  numeric (byte)

                   range:  [0,1]                          units:  1
           unique values:  2                          missing .:  2621/15750

              tabulation:  Freq.  Value
                           1034   0
                          12095   1
                           2621   .

--------------------------------------------------------------------------------
getwater_98_28          28, Where water for drinking and cooking is obtained, 1998
--------------------------------------------------------------------------------

                    type:  numeric (byte)
                   label:  water_l

                   range:  [1,8]                          units:  1
           unique values:  8                          missing .:  2627/15750

              tabulation:  Freq.    Numeric  Label
                           2815          1   Piped water
                           6630          2   Bore hole
                            176          3   Protected well
                           1901          4   Stream
                            779          5   Lake
                            327          6   Pond
                             36          7   Burrow pit
                            459          8   "Other"
                           2627          .

--------------------------------------------------------------------------------
boilwat_98_29                            29, Water is boiled for drinking, 1998
--------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                          units:  1
           unique values:  2                          missing .:  2628/15750

              tabulation:  Freq.  Value
                           6022   0
                           7100   1
                           2628   .

--------------------------------------------------------------------------------
stream_98_30                     30, Do go in a stream, river or lake, 1998
--------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                          units:  1
           unique values:  2                          missing .:  2640/15750

              tabulation:  Freq.  Value
                           5321   0
```

```
                              7789  1
                              2640  .

----------------------------------------------------------------------------
bathe_98_31                                 31, Bathe in stream, river or lake, 1998
----------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                        units:  1
           unique values:  2                       missing .:  2620/15750

              tabulation:  Freq.  Value
                           6756  0
                           6374  1
                           2620  .

----------------------------------------------------------------------------
fish_98_31                                  31, Fish in stream, river or lake, 1998
----------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                        units:  1
           unique values:  2                       missing .:  2620/15750

              tabulation:  Freq.  Value
                          11668  0
                           1462  1
                           2620  .

----------------------------------------------------------------------------
play_98_31                                  31, Play in stream, river or lake, 1998
----------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                        units:  1
           unique values:  2                       missing .:  2620/15750

              tabulation:  Freq.  Value
                          11628  0
                           1502  1
                           2620  .

----------------------------------------------------------------------------
fetchwat_98_31                       31, Fetch water in stream, river or lake, 1998
----------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [0,1]                        units:  1
           unique values:  2                       missing .:  2620/15750

              tabulation:  Freq.  Value
                           6602  0
                           6528  1
```

```
                          2620   .


-------------------------------------------------------------------------------
washclo_98_31                        31, Wash clothes in stream, river or lake, 1998
-------------------------------------------------------------------------------

                type:   numeric (byte)

               range:   [0,1]                          units:  1
       unique values:   2                        missing .:  2620/15750

          tabulation:   Freq.  Value
                         7866  0
                         5264  1
                         2620  .


-------------------------------------------------------------------------------
dayswat_98_32                     32, Days a week go in stream, river or lake, 1998
-------------------------------------------------------------------------------

                type:   numeric (byte)

               range:   [0,7]                          units:  1
       unique values:   8                        missing .:  2692/15750

          tabulation:   Freq.  Value
                         5219  0
                          778  1
                         1409  2
                          923  3
                          274  4
                          457  5
                          240  6
                         3758  7
                         2692  .


-------------------------------------------------------------------------------
havelatr_98_33                              33, Have a pit latrine at home, 1998
-------------------------------------------------------------------------------

                type:   numeric (byte)

               range:   [0,1]                          units:  1
       unique values:   2                        missing .:  2628/15750

          tabulation:   Freq.  Value
                         2409  0
                        10713  1
                         2628  .


-------------------------------------------------------------------------------
uselatr_98_34                                      34, Use the pit latrine, 1998
-------------------------------------------------------------------------------

                type:   numeric (byte)
               label:   latr_l
```

```
           range:  [1,3]                              units:  1
   unique values:  3                        missing .:  3832/15750

      tabulation:  Freq.   Numeric  Label
                   8249         1  Yes always
                   2501         2  Long call (defecate) only
                   1168         3  Never
                   3832         .

-------------------------------------------------------------------------------
babies_98_35                      35, Number of babies or toddlers in compound, 1998
-------------------------------------------------------------------------------

            type:  numeric (byte)

           range:  [0,9]                              units:  1
   unique values:  8                        missing .:  2620/15750

      tabulation:  Freq.  Value
                   5416  0
                   5949  1
                   1212  2
                    410  3
                    107  4
                     27  5
                      7  6
                      2  9
                   2620  .

-------------------------------------------------------------------------------
babylong_98_36                    36, When child goes for long call
                                  (defecate), what done w/ stool, 1998
-------------------------------------------------------------------------------

            type:  numeric (byte)
           label:  baby_l

           range:  [1,4]                              units:  1
   unique values:  4                        missing .:  8033/15750

      tabulation:  Freq.   Numeric  Label
                   5836         1  Thrown in latrine
                    972         2  Thrown in shamba
                    871         3  Covered with soil
                     38         4  Just left there
                   8033         .

-------------------------------------------------------------------------------
fallsick_98_37                                        37, Fall sick often, 1998
-------------------------------------------------------------------------------

            type:  numeric (byte)
           label:  sick_l

           range:  [1,3]                              units:  1
   unique values:  3                        missing .:  2629/15750
```

```
         tabulation:  Freq.   Numeric  Label
                       2140         1  No hardly ever
                       9742         2  Sometimes
                       1239         3  Often
                       2629         .

-------------------------------------------------------------------------------
language_98_44                                  44, What is mother tongue, 1998
-------------------------------------------------------------------------------

               type:  numeric (byte)
              label:  lang_l

              range:  [1,7]                          units:  1
      unique values:  7                          missing .:  3751/15750

         tabulation:  Freq.   Numeric  Label
                       6891         1  Kisamia (Luhya)
                         85         2  Kikhayo (Luhya)
                         42         3  Kimarachi (Luhya)
                       4200         4  Kinyala (Luhya)
                         23         5  Kiteso
                        497         6  Kiluo
                        261         7  Other
                       3751         .

-------------------------------------------------------------------------------
langoth_98_44                             44, If mother tongue is other, what, 1998
-------------------------------------------------------------------------------

               type:  string (str11)

      unique values:  36                         missing "":  15486/15750

           examples:  ""
                      ""
                      ""
                      ""

-------------------------------------------------------------------------------
headache_98_45                         45, Had headache today or in past week, 1998
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [0,1]                          units:  1
      unique values:  2                          missing .:  2624/15750

         tabulation:  Freq.  Value
                       6410  0
                       6716  1
                       2624  .

-------------------------------------------------------------------------------
cough_98_46                             46, Had cough today or in past week, 1998
-------------------------------------------------------------------------------
```

```
                   type:  numeric (byte)

                  range:  [0,1]                        units:  1
          unique values:  2                         missing .:  2623/15750

             tabulation:  Freq.  Value
                           7872  0
                           5255  1
                           2623  .

--------------------------------------------------------------------------------
scabies_98_47                              47, Had scabies today or in past week, 1998
--------------------------------------------------------------------------------

                   type:  numeric (byte)

                  range:  [0,1]                        units:  1
          unique values:  2                         missing .:  2623/15750

             tabulation:  Freq.  Value
                          12248  0
                            879  1
                           2623  .

--------------------------------------------------------------------------------
malaria_98_48                              48, Had malaria today or in past week, 1998
--------------------------------------------------------------------------------

                   type:  numeric (byte)

                  range:  [0,1]                        units:  1
          unique values:  2                         missing .:  2624/15750

             tabulation:  Freq.  Value
                           8085  0
                           5041  1
                           2624  .

--------------------------------------------------------------------------------
toothach_98_49                             49, Had toothache today or in past week, 1998
--------------------------------------------------------------------------------

                   type:  numeric (byte)

                  range:  [0,1]                        units:  1
          unique values:  2                         missing .:  2622/15750

             tabulation:  Freq.  Value
                          11083  0
                           2045  1
                           2622  .

--------------------------------------------------------------------------------
eyeinf_98_50                               50, Had eye infection today or in past week, 1998
--------------------------------------------------------------------------------

                   type:  numeric (byte)
```

```
            range:  [0,1]                            units:  1
    unique values:  2                            missing .:  2625/15750

       tabulation:  Freq.  Value
                    10915  0
                     2210  1
                     2625  .

--------------------------------------------------------------------------------
earache_98_51                           51, Had ear ache today or in past week, 1998
--------------------------------------------------------------------------------

             type:  numeric (byte)

            range:  [0,1]                            units:  1
    unique values:  2                            missing .:  2623/15750

       tabulation:  Freq.  Value
                    12022  0
                     1105  1
                     2623  .

--------------------------------------------------------------------------------
wound_98_52                           52, Had cut or wound today or in past week, 1998
--------------------------------------------------------------------------------

             type:  numeric (byte)

            range:  [0,1]                            units:  1
    unique values:  2                            missing .:  2626/15750

       tabulation:  Freq.  Value
                     8998  0
                     4126  1
                     2626  .

--------------------------------------------------------------------------------
vomit_98_53                           53, Had vomiting today or in past week, 1998
--------------------------------------------------------------------------------

             type:  numeric (byte)

            range:  [0,1]                            units:  1
    unique values:  2                            missing .:  2625/15750

       tabulation:  Freq.  Value
                    11048  0
                     2077  1
                     2625  .

--------------------------------------------------------------------------------
jiggers_98_54                         54, Had jiggers today or in past week, 1998
--------------------------------------------------------------------------------

             type:  numeric (byte)
```

```
          range:  [0,1]                                  units:  1
  unique values:  2                          missing .:  2622/15750

    tabulation:    Freq.  Value
                  12195  0
                    933  1
                   2622  .

-------------------------------------------------------------------------------
diarrhea_98_55                          55, Had diarrhea today or in past week, 1998
-------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,1]                                  units:  1
  unique values:  2                          missing .:  2625/15750

    tabulation:    Freq.  Value
                   9976  0
                   3149  1
                   2625  .

-------------------------------------------------------------------------------
constip_98_56                          56, Had constipation today or in past week, 1998
-------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,1]                                  units:  1
  unique values:  2                          missing .:  2625/15750

    tabulation:    Freq.  Value
                   7840  0
                   5285  1
                   2625  .

-------------------------------------------------------------------------------
stomach_98_57                          57, Had stomach ache today or in past week, 1998
-------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,1]                                  units:  1
  unique values:  2                          missing .:  2622/15750

    tabulation:    Freq.  Value
                   5199  0
                   7929  1
                   2622  .

-------------------------------------------------------------------------------
bloodst_98_58                          58, Had blood in stool today or in past week, 1998
-------------------------------------------------------------------------------

           type:  numeric (byte)

          range:  [0,1]                                  units:  1
```

```
        unique values:  2                          missing .:  2622/15750

           tabulation:  Freq.  Value
                        10150  0
                         2978  1
                         2622  .


--------------------------------------------------------------------------------
itch_98_59                      59, Had itching of anus today or in past week, 1998
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                          units:  1
        unique values:  2                          missing .:  2624/15750

           tabulation:  Freq.  Value
                        10043  0
                         3083  1
                         2624  .


--------------------------------------------------------------------------------
waz_98                                            Weight for age Z-score, 1998
--------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [-5.46,2.34]                   units:  .01
        unique values:  392                        missing .:  2623/15750

                 mean:  -1.41012
            std. dev:   .85273

          percentiles:        10%       25%       50%       75%       90%
                            -2.43     -1.98     -1.44      -.89      -.29


--------------------------------------------------------------------------------
pupdate_99_1                          1, Date of pupil questionnaire, 1999
--------------------------------------------------------------------------------

                 type:  numeric daily date (int)

                range:  [14245,14444]                  units:  1
       or equivalently:  [01jan1999,19jul1999]         units:  days
        unique values:  55                         missing .:  6386/15750

                 mean:     14293 = 17feb1999 (+ 23 hours)
            std. dev:    21.688

          percentiles:        10%       25%       50%       75%       90%
                            14269     14277     14290     14306     14325
                         25jan1999 02feb1999 15feb1999 03mar1999 22mar1999


--------------------------------------------------------------------------------
schid_99_2                2, School ID of sampled child at pupil questionnaire, 1999
--------------------------------------------------------------------------------
```

```
              type:   numeric (int)

             range:   [108,297]                        units:   1
     unique values:   71                        missing .:   6386/15750

              mean:   227.924
          std. dev:   54.9564

       percentiles:        10%       25%       50%       75%       90%
                           142       191       219       278       293

-------------------------------------------------------------------------------
std_99_3                                 3, Standard (grade level) of sampled child
                                         at pupil questionnaire, 1999
-------------------------------------------------------------------------------

              type:   numeric (byte)

             range:   [3,8]                            units:   1
     unique values:   6                         missing .:   6386/15750

        tabulation:   Freq.   Value
                       1908   3
                       1887   4
                       1522   5
                       1517   6
                       1589   7
                        941   8
                       6386   .

-------------------------------------------------------------------------------
height_99_6                                              6, Pupil's Height (cm)
-------------------------------------------------------------------------------

              type:   numeric (double)

             range:   [12,1543]                        units:   .1
     unique values:   597                       missing .:   6391/15750

              mean:   146.726
          std. dev:   34.7533

       percentiles:        10%       25%       50%       75%       90%
                         130.5     136.9     145.5     155.2     162.5

-------------------------------------------------------------------------------
weight_99_7                                              7, Pupil's Weight (kg)
-------------------------------------------------------------------------------

              type:   numeric (double)

             range:   [1.5,454.5]                      units:   .01
     unique values:   170                       missing .:   6390/15750

              mean:   36.6087
          std. dev:   13.4025
```

```
        percentiles:        10%        25%        50%        75%        90%
                            25         29       34.5      42.75      50.5


-------------------------------------------------------------------------------
pupintwr_99_8                                        8, ID of Interviewer, 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)

              range:  [1,9]                          units:  1
      unique values:  9                          missing .:  6393/15750

         tabulation:  Freq.  Value
                       183   1
                       442   2
                       983   3
                      1903   4
                       824   5
                      1417   6
                       833   7
                      1019   8
                      1753   9
                      6393   .

-------------------------------------------------------------------------------
shoes_99_10                          10, Child is wearing shoes or slippers, 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)
              label:  shoes_l

              range:  [1,3]                          units:  1
      unique values:  3                          missing .:  6405/15750

         tabulation:  Freq.   Numeric  Label
                      1102         1   Shoes
                      1232         2   Slippers
                      7011         3   None
                      6405         .

-------------------------------------------------------------------------------
uniform_99_11                                    11, Child has a uniform, 1999
-------------------------------------------------------------------------------

               type:  numeric (byte)
              label:  uni_l

              range:  [1,3]                          units:  1
      unique values:  3                          missing .:  6405/15750

         tabulation:  Freq.   Numeric  Label
                      7941         1   Full uniform
                       868         2   Partial
                       536         3   None
                      6405         .


-------------------------------------------------------------------------------
```

```
clothes_99_12                                    12, Condition of the clothing, 1999
--------------------------------------------------------------------------------

                type:  numeric (byte)
               label:  clothes_l

               range:  [1,3]                                  units:  1
       unique values:  3                            missing .:  6399/15750

          tabulation:  Freq.   Numeric  Label
                        5754         1  No holes/tears
                        2998         2  A few holes/tears
                         599         3  Many holes/tears
                        6399         .

--------------------------------------------------------------------------------
clean_99_13                                 13, Cleanliness of face and hands, 1999
--------------------------------------------------------------------------------

                type:  numeric (byte)
               label:  clean_l

               range:  [1,3]                                  units:  1
       unique values:  3                            missing .:  6401/15750

          tabulation:  Freq.   Numeric  Label
                        5590         1  Clean
                        3205         2  A bit dirty
                         554         3  Very dirty
                        6401         .

--------------------------------------------------------------------------------
fingnail_99_14                                14, Child has long fingernails, 1999
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                                  units:  1
       unique values:  2                            missing .:  6398/15750

          tabulation:  Freq.  Value
                        7649  0
                        1703  1
                        6398  .

--------------------------------------------------------------------------------
belly_99_15                      15, Child has a swollen or distended belly, 1999
--------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                                  units:  1
       unique values:  2                            missing .:  6400/15750

          tabulation:  Freq.  Value
                        8668  0
                         682  1
```

```
                    6400   .

------------------------------------------------------------------------------
age_99_16                                          16, Pupil's age (yr), 1999
------------------------------------------------------------------------------

              type:   numeric (byte)

             range:   [0,22]                       units:  1
     unique values:   20                      missing .:  6470/15750

              mean:   12.9698
          std. dev:   2.22531

       percentiles:        10%       25%       50%       75%       90%
                            10        11        13        15        16


------------------------------------------------------------------------------
yearborn_99_17                                        17, Year of birth, 1999
------------------------------------------------------------------------------

              type:   numeric (int)

             range:   [0,19988]                     units:  1
     unique values:   41                      missing .:  8413/15750

              mean:   1851.55
          std. dev:   617.696

       percentiles:        10%       25%       50%       75%       90%
                          1982      1983      1985      1987      1988


------------------------------------------------------------------------------
absdays_99_18                          18, In register, # of days marked absent
                                       during previous 4 wks, 1999
------------------------------------------------------------------------------

              type:   numeric (byte)

             range:   [0,5]                         units:  1
     unique values:   6                       missing .:  6607/15750

         tabulation:   Freq.   Value
                        7073   0
                         710   1
                         679   2
                         304   3
                          90   4
                         287   5
                        6607   .


------------------------------------------------------------------------------
texts_99_19                19, Number of textbooks owned for current standard, 1999
------------------------------------------------------------------------------

              type:   numeric (byte)
```

```
          range:  [0,22]                              units:  1
  unique values:  14                              missing .:  6540/15750

           mean:   .770141
       std. dev:  1.29184

    percentiles:        10%       25%       50%       75%       90%
                          0         0         0         1         2

--------------------------------------------------------------------------------
language_99_20                                  20, What is mother tongue, 1999
--------------------------------------------------------------------------------

           type:  numeric (byte)
          label:  lang_l

          range:  [1,7]                               units:  1
  unique values:  7                               missing .:  6468/15750

     tabulation:  Freq.   Numeric  Label
                  5848          1  Kisamia (Luhya)
                   139          2  Kikhayo (Luhya)
                    29          3  Kimarachi (Luhya)
                  2818          4  Kinyala (Luhya)
                    14          5  Kiteso
                   268          6  Kiluo
                   166          7  Other
                  6468          .

--------------------------------------------------------------------------------
langoth_99_20                                   20, If mother tongue is other, what, 1999
--------------------------------------------------------------------------------

           type:  string (str15)

  unique values:  46                             missing "":  15587/15750

       examples:  ""
                  ""
                  ""
                  ""

        warning:  variable has embedded blanks

--------------------------------------------------------------------------------
floor_99_21                                     21, What floor of house is made of, 1999
--------------------------------------------------------------------------------

           type:  numeric (byte)
          label:  floor_l

          range:  [1,2]                               units:  1
  unique values:  2                               missing .:  6428/15750

     tabulation:  Freq.   Numeric  Label
                  2158          1  Cement
                  7164          2  Mud
```

```
                 6428           .

--------------------------------------------------------------------------------
cows_99_23                                       23, Cows are kept at home, 1999
--------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                          units:  1
     unique values:  2                         missing .:  6401/15750

        tabulation:  Freq.  Value
                      5017  0
                      4332  1
                      6401  .

--------------------------------------------------------------------------------
goats_99_24                                     24, Goats are kept at home, 1999
--------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                          units:  1
     unique values:  2                         missing .:  6401/15750

        tabulation:  Freq.  Value
                      5859  0
                      3490  1
                      6401  .

--------------------------------------------------------------------------------
sheep_99_25                                     25, Sheep are kept at home, 1999
--------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                          units:  1
     unique values:  2                         missing .:  6404/15750

        tabulation:  Freq.  Value
                      7597  0
                      1749  1
                      6404  .

--------------------------------------------------------------------------------
pigs_99_26                                       26, Pigs are kept at home, 1999
--------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                          units:  1
     unique values:  2                         missing .:  6408/15750

        tabulation:  Freq.  Value
                      7986  0
                      1356  1
                      6408  .
```

```
--------------------------------------------------------------------------------
poultry_99_27                                        27, Poultry are kept at home, 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                            units:  1
         unique values:  2                          missing .:  6417/15750

            tabulation:  Freq.  Value
                          1244  0
                          8089  1
                          6417  .


--------------------------------------------------------------------------------
getwater_99_28                               28, Main source of water for drinking, 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  water_l, but 1 nonmissing value is not labeled

                 range:  [1,9]                            units:  1
         unique values:  9                          missing .:  6464/15750

            tabulation:  Freq.    Numeric  Label
                          1735         1  Piped water
                          4527         2  Bore hole
                           161         3  Protected well
                          1486         4  Stream
                           649         5  Lake
                            74         6  Pond
                            11         7  Burrow pit
                           531         8  "Other"
                           112         9
                          6464         .


--------------------------------------------------------------------------------
boilwat_99_29                   29, Water is boiled for drinking from this place, 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                            units:  1
         unique values:  2                          missing .:  6417/15750

            tabulation:  Freq.  Value
                          5617  0
                          3716  1
                          6417  .


--------------------------------------------------------------------------------
stream_99_30                   30, Gone in a stream, river or lake in last week, 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)
```

```
               range:  [0,1]                          units:  1
       unique values:  2                           missing .:  6477/15750

          tabulation:  Freq.  Value
                        4558  0
                        4715  1
                        6477  .

-------------------------------------------------------------------------------
fetchwat_99_31                      31, Fetch water in stream, river or lake, 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                          units:  1
       unique values:  2                           missing .:  10590/15750

          tabulation:  Freq.  Value
                        1123  0
                        4037  1
                       10590  .

-------------------------------------------------------------------------------
washclo_99_32                       32, Wash clothes in stream, river or lake, 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                          units:  1
       unique values:  2                           missing .:  10596/15750

          tabulation:  Freq.  Value
                        1654  0
                        3500  1
                       10596  .

-------------------------------------------------------------------------------
bathe_99_33                         33, Bathe in stream, river or lake, 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                          units:  1
       unique values:  2                           missing .:  10594/15750

          tabulation:  Freq.  Value
                        1408  0
                        3748  1
                       10594  .

-------------------------------------------------------------------------------
fish_99_34                          34, Fish in stream, river or lake, 1999
-------------------------------------------------------------------------------

                type:  numeric (byte)

               range:  [0,1]                          units:  1
```

```
        unique values:  2                          missing .:  10611/15750

           tabulation:  Freq.  Value
                         4267  0
                          872  1
                        10611  .

--------------------------------------------------------------------------------
play_99_35                                    35, Play in stream, river or lake, 1999
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                          missing .:  10616/15750

           tabulation:  Freq.  Value
                         3844  0
                         1290  1
                        10616  .

--------------------------------------------------------------------------------
dayswat_99_36                          36, Days a week go in stream, river or lake, 1999
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,7]                        units:  1
        unique values:  8                          missing .:  6575/15750

           tabulation:  Freq.  Value
                         4393  0
                          582  1
                          837  2
                          913  3
                          285  4
                          170  5
                           51  6
                         1944  7
                         6575  .

--------------------------------------------------------------------------------
havelatr_99_37                                 37, Have a pit latrine at home, 1999
--------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [0,1]                        units:  1
        unique values:  2                          missing .:  6442/15750

           tabulation:  Freq.  Value
                         1618  0
                         7690  1
                         6442  .

--------------------------------------------------------------------------------
uselatr_99_38                                      38, Use the pit latrine, 1999
```

```
       ----------------------------------------------------------------------------
                  type:  numeric (byte)
                 label:  latr_l

                 range:  [1,3]                              units:  1
         unique values:  3                          missing .:  7339/15750

           tabulation:  Freq.   Numeric  Label
                         6980         1  Yes always
                          878         2  Long call (defecate) only
                          553         3  Never
                         7339         .

       ----------------------------------------------------------------------------
soften_99_39                                              39, Fall sick often, 1999
       ----------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  sick_l

                 range:  [1,3]                              units:  1
         unique values:  3                          missing .:  6449/15750

           tabulation:  Freq.   Numeric  Label
                         1346         1  No hardly ever
                         6634         2  Sometimes
                         1321         3  Often
                         6449         .

       ----------------------------------------------------------------------------
slastwk_99_40                                    40, Sick at all during last week, 1999
       ----------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,1]                              units:  1
         unique values:  2                          missing .:  6481/15750

           tabulation:  Freq.  Value
                         5240  0
                         4029  1
                         6481  .

       ----------------------------------------------------------------------------
headache_99_41                          41, Had headache today or in past week, 1999
       ----------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  problem_l

                 range:  [0,3]                              units:  1
         unique values:  3                          missing .:  6414/15750

           tabulation:  Freq.   Numeric  Label
                         5764         0  No
                         3570         1  Yes
```

```
                        2          3  Don't Know
                     6414             .

--------------------------------------------------------------------------------
malaria_99_42                         42, Had malaria today or in past week, 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  problem_l

                 range:  [0,1]                         units:  1
         unique values:  2                         missing .:  6410/15750

            tabulation:  Freq.   Numeric  Label
                         7314         0  No
                         2026         1  Yes
                         6410         .

--------------------------------------------------------------------------------
fever_99_43                     43 Had fever/cold/flu today or in past week, 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  problem_l

                 range:  [0,3]                         units:  1
         unique values:  3                         missing .:  6406/15750

            tabulation:  Freq.   Numeric  Label
                         6448         0  No
                         2894         1  Yes
                            2         3  Don't Know
                         6406         .

--------------------------------------------------------------------------------
cough_99_44                           44, Had cough today or in past week, 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  problem_l

                 range:  [0,3]                         units:  1
         unique values:  3                         missing .:  6404/15750

            tabulation:  Freq.   Numeric  Label
                         6923         0  No
                         2422         1  Yes
                            1         3  Don't Know
                         6404         .

--------------------------------------------------------------------------------
toothach_99_45                        45, Had toothache today or in past week, 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  problem_l
```

```
              range:  [0,3]                            units:  1
      unique values:  3                             missing .:  6403/15750

        tabulation:  Freq.   Numeric  Label
                     8364         0   No
                      982         1   Yes
                        1         3   Don't Know
                     6403         .

--------------------------------------------------------------------------------
eyeinf_99_46                         46, Had eye infection today or in past week, 1999
--------------------------------------------------------------------------------

               type:  numeric (byte)
              label:  problem_l

              range:  [0,1]                            units:  1
      unique values:  2                             missing .:  6406/15750

        tabulation:  Freq.   Numeric  Label
                     8239         0   No
                     1105         1   Yes
                     6406         .

--------------------------------------------------------------------------------
earache_99_47                        47, Had ear ache today or in past week, 1999
--------------------------------------------------------------------------------

               type:  numeric (byte)
              label:  problem_l

              range:  [0,1]                            units:  1
      unique values:  2                             missing .:  6412/15750

        tabulation:  Freq.   Numeric  Label
                     8706         0   No
                      632         1   Yes
                     6412         .

--------------------------------------------------------------------------------
wound_99_48                          48, Had cut or wound today or in past week, 1999
--------------------------------------------------------------------------------

               type:  numeric (byte)
              label:  problem_l

              range:  [0,3]                            units:  1
      unique values:  3                             missing .:  6411/15750

        tabulation:  Freq.   Numeric  Label
                     6486         0   No
                     2845         1   Yes
                        8         3   Don't Know
                     6411         .

--------------------------------------------------------------------------------
vomit_99_49                          49, Had vomiting today or in past week, 1999
```

```
       ------------------------------------------------------------------------------
                   type:  numeric (byte)
                  label:  problem_l

                  range:  [0,3]                              units:  1
          unique values:  3                           missing .:   6416/15750

             tabulation:  Freq.   Numeric  Label
                           8490         0  No
                            843         1  Yes
                              1         3  Don't Know
                           6416         .

       ------------------------------------------------------------------------------
       diarrhea_99_50                        50, Had diarrhea today or in past week, 1999
       ------------------------------------------------------------------------------
                   type:  numeric (byte)
                  label:  problem_l

                  range:  [0,3]                              units:  1
          unique values:  3                           missing .:   6412/15750

             tabulation:  Freq.   Numeric  Label
                           8167         0  No
                           1170         1  Yes
                              1         3  Don't Know
                           6412         .

       ------------------------------------------------------------------------------
       constip_99_51                         51, Had constipation today or in past week, 1999
       ------------------------------------------------------------------------------
                   type:  numeric (byte)
                  label:  problem_l

                  range:  [0,3]                              units:  1
          unique values:  3                           missing .:   6419/15750

             tabulation:  Freq.   Numeric  Label
                           8534         0  No
                            790         1  Yes
                              7         3  Don't Know
                           6419         .

       ------------------------------------------------------------------------------
       stomach_99_52                         52, Had stomach ache today or in past week, 1999
       ------------------------------------------------------------------------------
                   type:  numeric (byte)
                  label:  problem_l

                  range:  [0,3]                              units:  1
          unique values:  3                           missing .:   6419/15750

             tabulation:  Freq.   Numeric  Label
```

```
                         5796           0  No
                         3503           1  Yes
                           32           3  Don't Know
                         6419           .

--------------------------------------------------------------------------------
bloodst_99_53                           53, Had blood in stool today or in past week, 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  problem_l

                 range:  [0,3]                        units:  1
         unique values:  3                          missing .:  6405/15750

            tabulation:  Freq.    Numeric  Label
                         5880           0  No
                         1476           1  Yes
                         1989           3  Don't Know
                         6405           .

--------------------------------------------------------------------------------
burine_99_54                            54, Blood in urine today or in past week, 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [0,3]                        units:  1
         unique values:  3                          missing .:  6407/15750

            tabulation:  Freq.  Value
                         7977  0
                          374  1
                          992  3
                         6407  .

--------------------------------------------------------------------------------
itch_99_55                              55, Had itching of anus today or in past week, 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  problem_l

                 range:  [0,3]                        units:  1
         unique values:  3                          missing .:  6408/15750

            tabulation:  Freq.    Numeric  Label
                         7581           0  No
                         1677           1  Yes
                           84           3  Don't Know
                         6408           .

--------------------------------------------------------------------------------
worms_99_56                             56, Problems with worms today or in past week, 1999
--------------------------------------------------------------------------------

                  type:  numeric (byte)
```

```
             label:  problem_l

             range:  [0,3]                        units:  1
     unique values:  3                          missing .:  6410/15750

        tabulation:  Freq.   Numeric  Label
                      6071        0  No
                      2183        1  Yes
                      1086        3  Don't Know
                      6410        .

-------------------------------------------------------------------------------
schisto_99_57        57, Problems with Schistosomiasis today or in past week, 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)
             label:  problem_l

             range:  [0,3]                        units:  1
     unique values:  3                          missing .:  6421/15750

        tabulation:  Freq.   Numeric  Label
                      5657        0  No
                       447        1  Yes
                      3225        3  Don't Know
                      6421        .

-------------------------------------------------------------------------------
wormtmt_99_58                58, Received treatment for worms in past year, 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                        units:  1
     unique values:  2                          missing .:  6510/15750

        tabulation:  Freq.  Value
                      5785  0
                      3455  1
                      6510  .

-------------------------------------------------------------------------------
tmtics_99_59                                     59, Worm Treatment by ICS, 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                        units:  1
     unique values:  2                          missing .:  12232/15750

        tabulation:  Freq.  Value
                       652  0
                      2866  1
                     12232  .

-------------------------------------------------------------------------------
stomach2_99_60              60, Stomach ache side effect from treatment, 1999
```

```
--------------------------------------------------------------------------------
                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                        missing .:  12287/15750

          tabulation:  Freq.  Value
                        2774  0
                         689  1
                       12287  .

--------------------------------------------------------------------------------
headach2_99_61                      61, Headache side effect from treatment, 1999
--------------------------------------------------------------------------------
                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                        missing .:  12278/15750

          tabulation:  Freq.  Value
                        3019  0
                         453  1
                       12278  .

--------------------------------------------------------------------------------
vomit2_99_62                        62, Vomiting side effect from treatment, 1999
--------------------------------------------------------------------------------
                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                        missing .:  12278/15750

          tabulation:  Freq.  Value
                        3089  0
                         383  1
                       12278  .

--------------------------------------------------------------------------------
nausea_99_63                          63, Nausea side effect from treatment, 1999
--------------------------------------------------------------------------------
                type:  numeric (byte)

               range:  [0,1]                        units:  1
       unique values:  2                        missing .:  12282/15750

          tabulation:  Freq.  Value
                        2964  0
                         504  1
                       12282  .

--------------------------------------------------------------------------------
other_99_64                            64, Other side effect from treatment, 1999
--------------------------------------------------------------------------------
```

```
              type:  numeric (byte)

             range:  [0,1]                          units:  1
     unique values:  2                         missing .:  12525/15750

        tabulation:  Freq.  Value
                      3054  0
                       171  1
                     12525  .

-------------------------------------------------------------------------------
otherse_99_64                                 64, If other, what side effect, 1999
-------------------------------------------------------------------------------

              type:  string (str30)

     unique values:  40                       missing "":  15461/15750

          examples:  ""
                     ""
                     ""
                     ""

           warning:  variable has embedded blanks

-------------------------------------------------------------------------------
improve_99_65                     65, Improvement in health after treatment, 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                          units:  1
     unique values:  2                         missing .:  12336/15750

        tabulation:  Freq.  Value
                      1262  0
                      2152  1
                     12336  .

-------------------------------------------------------------------------------
cimprove_99_66          66, Improvement in classmates' health after treatment, 1999
-------------------------------------------------------------------------------

              type:  numeric (byte)

             range:  [0,1]                          units:  1
     unique values:  2                         missing .:  13140/15750

        tabulation:  Freq.  Value
                      1736  0
                       874  1
                     13140  .

-------------------------------------------------------------------------------
height2_99_68                                 68, Second height measure (cm), 1999
-------------------------------------------------------------------------------
```

```
              type:  numeric (double)

             range:  [4.46,36236]                    units:  .01
     unique values:  93                           missing .:  15542/15750

              mean:  315.964
          std. dev:  2502.69

       percentiles:        10%       25%        50%        75%        90%
                           127      133.5     142.75       152        160

--------------------------------------------------------------------------------
haz99                                              Height for age Z-score, 1999
--------------------------------------------------------------------------------

              type:  numeric (float)

             range:  [-6.64,4.72]                    units:  .01
     unique values:  453                          missing .:  7138/15750

              mean:  -1.18074
          std. dev:  1.08387

       percentiles:        10%       25%        50%        75%        90%
                         -2.57     -1.87      -1.22       -.49        .18

--------------------------------------------------------------------------------
waz_99                                             Weight for age Z-score, 1999
--------------------------------------------------------------------------------

              type:  numeric (float)

             range:  [-4.97,4.53]                    units:  .01
     unique values:  354                          missing .:  7141/15750

              mean:  -1.25087
          std. dev:  .831143

       percentiles:        10%       25%        50%        75%        90%
                         -2.28     -1.81      -1.31       -.73       -.11
```