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                                 CORE.DOC

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              TO ZERO, AND USE A FIXED-WIDTH FONT (e.g. COURIER)

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               ADOBE ACROBAT READER, VERSION 4 OR LATER. THE ACROBAT-
                     READABLE VERSION OF THIS FILE IS CALLED

                                 CORE.PDF

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-----------------------------------------------------------------------
                                        Variable
Description                             Name        Positions
-----------------------------------------------------------------------
```

GENERAL INFORMATION

Description	Variable Name	Positions
Sequence number	SEQN	1-5
Family sequence number	DMPFSEQ	6-10
Examination/interview status	DMPSTAT	11
Race-ethnicity	DMARETHN	12
Race	DMARACER	13
Ethnicity	DMAETHNR	14
Sex	HSSEX	15
Date of screener (month)	HSDOIMO	16-17
Age at interview (screener) - qty	HSAGEIR	18-19
Age at interview (screener) - unit	HSAGEU	20
Age in months at interview (screener)	HSAITMOR	21-24
Family size (persons in family)	HSFSIZER	25-26
Household size (persons in dwelling)	HSHSIZER	27-28
County code	DMPCNTYR	29-31
FIPS code for State	DMPFIPSR	32-33
Rural/urban code based on USDA code	DMPMETRO	34
Census regn, weighting (Texas in south)	DMPCREGN	35

SURVEY DESIGN INFORMATION

Description	Variable Name	Positions
Phase of NHANES III Survey	SDPPHASE	36
Total NHANES III pseudo-PSU	SDPPSU6	37
Total NHANES III pseudo-stratum	SDPSTRA6	38-39
Total interviewed sample final weight	WTPFQX6	40-48
Replicate 1 final interview weight	WTPQRP1	49-57
Replicate 2 final interview weight	WTPQRP2	58-66
Replicate 3 final interview weight	WTPQRP3	67-75
Replicate 4 final interview weight	WTPQRP4	76-84
Replicate 5 final interview weight	WTPQRP5	85-93
Replicate 6 final interview weight	WTPQRP6	94-102
Replicate 7 final interview weight	WTPQRP7	103-111
Replicate 8 final interview weight	WTPQRP8	112-120
Replicate 9 final interview weight	WTPQRP9	121-129
Replicate 10 final interview weight	WTPQRP10	130-138
Replicate 11 final interview weight	WTPQRP11	139-147
Replicate 12 final interview weight	WTPQRP12	148-156
Replicate 13 final interview weight	WTPQRP13	157-165
Replicate 14 final interview weight	WTPQRP14	166-174
Replicate 15 final interview weight	WTPQRP15	175-183
Replicate 16 final interview weight	WTPQRP16	184-192
Replicate 17 final interview weight	WTPQRP17	193-201
Replicate 18 final interview weight	WTPQRP18	202-210
Replicate 19 final interview weight	WTPQRP19	211-219
Replicate 20 final interview weight	WTPQRP20	220-228
Replicate 21 final interview weight	WTPQRP21	229-237
Replicate 22 final interview weight	WTPQRP22	238-246
Replicate 23 final interview weight	WTPQRP23	247-255
Replicate 24 final interview weight	WTPQRP24	256-264
Replicate 25 final interview weight	WTPQRP25	265-273
Replicate 26 final interview weight	WTPQRP26	274-282

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-----------------------------------------------------------------------
                                      Variable
Description                           Name        Positions
-----------------------------------------------------------------------
```

SURVEY DESIGN INFORMATION

```
Replicate 27 final interview weight .........  WTPQRP27    283-291
Replicate 28 final interview weight .........  WTPQRP28    292-300
Replicate 29 final interview weight .........  WTPQRP29    301-309
Replicate 30 final interview weight .........  WTPQRP30    310-318
Replicate 31 final interview weight .........  WTPQRP31    319-327
Replicate 32 final interview weight .........  WTPQRP32    328-336
Replicate 33 final interview weight .........  WTPQRP33    337-345
Replicate 34 final interview weight .........  WTPQRP34    346-354
Replicate 35 final interview weight .........  WTPQRP35    355-363
Replicate 36 final interview weight .........  WTPQRP36    364-372
Replicate 37 final interview weight .........  WTPQRP37    373-381
Replicate 38 final interview weight .........  WTPQRP38    382-390
Replicate 39 final interview weight .........  WTPQRP39    391-399
Replicate 40 final interview weight .........  WTPQRP40    400-408
Replicate 41 final interview weight .........  WTPQRP41    409-417
Replicate 42 final interview weight .........  WTPQRP42    418-426
Replicate 43 final interview weight .........  WTPQRP43    427-435
Replicate 44 final interview weight .........  WTPQRP44    436-444
Replicate 45 final interview weight .........  WTPQRP45    445-453
Replicate 46 final interview weight .........  WTPQRP46    454-462
Replicate 47 final interview weight .........  WTPQRP47    463-471
Replicate 48 final interview weight .........  WTPQRP48    472-480
Replicate 49 final interview weight .........  WTPQRP49    481-489
Replicate 50 final interview weight .........  WTPQRP50    490-498
Replicate 51 final interview weight .........  WTPQRP51    499-507
Replicate 52 final interview weight .........  WTPQRP52    508-516
```

HOUSEHOLD FAMILY QUESTIONNAIRE ITEMS

```
Highest grade or yr of school attended ......  HFA7        517-518
Finished highest grade/yr attended ..........  HFA8            519
Marital status ..............................  HFA12       520-521
```

HOUSEHOLD ADULT QUESTIONNAIRE ITEMS

```
Ever told had arthritis .....................  HAC1A           522
Which type of arthritis .....................  HAC1B           523
Ever told had congestive heart failure ......  HAC1C           524
Ever told had stroke ........................  HAC1D           525
Ever told had asthma ........................  HAC1E           526
Ever told had chronic bronchitis ............  HAC1F           527
Ever told had emphysema .....................  HAC1G           528
Ever told had hay fever .....................  HAC1H           529
Ever told had cataracts .....................  HAC1I           530
Ever told had goiter ........................  HAC1J           531
Ever told had thyroid disease ...............  HAC1K           532
Ever told had lupus .........................  HAC1L           533
Ever told had gout ..........................  HAC1M           534
Ever told had skin cancer ...................  HAC1N           535
```

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------------------------------------------------------------------------
                                          Variable
Description                               Name        Positions
------------------------------------------------------------------------
```

HOUSEHOLD ADULT QUESTIONNAIRE ITEMS

```
Ever told had other type of cancer ..........   HAC1O         536
Ever told had diabetes ......................   HAD1          537
Ever told had high blood pressure ...........   HAE2          538
Ever told to take prescr med for HBP ........   HAE4A         539
Ever told to ctrl/lose wt for HBP ...........   HAE4B         540
Now taking prescr med for HBP ...............   HAE5A         541
Is now ctrl/lose wt for HBP .................   HAE5B         542
Ever had blood cholesterol checked ..........   HAE6          543
Ever told had high cholesterol ..............   HAE7          544
Ever had chest pain/discomfort ..............   HAF1          545
Ever told had heart attack ..................   HAF10         546
Ever had back pain most days for 1 mo .......   HAG2          547
Have back pain in past 12 months ............   HAG3          548
Ever told had fractured hip .................   HAG5A         549
Ever told had fractured wrist ...............   HAG5B         550
Ever told had fractured spine ...............   HAG5C         551
Ever told had osteoporosis ..................   HAG11         552
Were treated for osteoporosis ...............   HAG12         553
Beer and lite beer - times/month ............   HAN6HS     554-556
Wine, champagne - times/month ...............   HAN6IS     557-559
Hard liquor - times/month ...................   HAN6JS     560-562
Have total blindness ........................   HAP1          563
If yes, one or both eyes ....................   HAP1A         564
Use glasses, contacts, or both ..............   HAP2          565
Trouble seeing with one or both eyes ........   HAP3          566
Have total deafness .........................   HAP10         567
If yes, one or both ears ....................   HAP10A        568
Smoked 100 cigarettes in life ...............   HAR1          569
Smoke cigarettes now ........................   HAR3          570
Used chewing tobacco, snuff  ................   HAR14         571
Chew tobacco, snuff now .....................   HAR16         572
Smoked 20 cigars in life ....................   HAR23         573
Smoke cigars now ............................   HAR24         574
Smoked 20 pipes of tobacco in life ..........   HAR26         575
Smoke pipe now ..............................   HAR27         576
```

HOUSEHOLD YOUTH QUESTIONNAIRE ITEMS

```
Doc ever say had asthma .....................   HYE1G         577
Doc ever say had chronic bronchitis .........   HYE1H         578
Doc ever say had high blood pressure ........   HYE6A         579
Doc ever say had high blood cholesterol .....   HYE6B         580
Has ever had anemia .........................   HYE15         581
Have trouble seeing w/one or both eyes ......   HYH2          582
Ever had troub hearing w/1 or both ears .....   HYH10         583
```

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-------------------------------------------------------------------------
                                            Variable
Description                                 Name        Positions
-------------------------------------------------------------------------


IMPUTATION FLAGS

Imputation flag for DMPPIRMI ................  DMPPIRIF        584
Imputation flag for HFF1MI ..................  HFF1IF          585
Imputation flag for HAB1MI ..................  HAB1IF          586
Imputation flag for HAM5MI ..................  HAM5IF          587
Imputation flag for HAM6MI ..................  HAM6IF          588
Imputation flag for HAN6SRMI ................  HAN6SRIF        589
Imputation flag for HAQ1MI ..................  HAQ1IF          590
Imputation flag for HAR3RMI .................  HAR3RIF         591
Imputation flag for HAT28MI .................  HAT28IF         592
Imputation flag for HAZAK1MI ................  HAZAK1IF        593
Imputation flag for HAZAK5MI ................  HAZAK5IF        594
Imputation flag for HAZBK1MI ................  HAZBK1IF        595
Imputation flag for HAZBK5MI ................  HAZBK5IF        596
Imputation flag for HAZCK1MI ................  HAZCK1IF        597
Imputation flag for HAZCK5MI ................  HAZCK5IF        598
Imputation flag for HYD1MI ..................  HYD1IF          599
Imputation flag for HYF2MI ..................  HYF2IF          600
Imputation flag for BDPFNDMI ................  BDPFNDIF        601
Imputation flag for BDPINDMI ................  BDPINDIF        602
Imputation flag for BDPKMI ..................  BDPKIF          603
Imputation flag for BDPTOAMI ................  BDPTOAIF        604
Imputation flag for BDPTODMI ................  BDPTODIF        605
Imputation flag for BDPTRDMI ................  BDPTRDIF        606
Imputation flag for BDPWTDMI ................  BDPWTDIF        607
Imputation flag for BMPBUTMI ................  BMPBUTIF        608
Imputation flag for BMPHEAMI ................  BMPHEAIF        609
Imputation flag for BMPHTMI .................  BMPHTIF         610
Imputation flag for BMPKNEMI ................  BMPKNEIF        611
Imputation flag for BMPRECMI ................  BMPRECIF        612
Imputation flag for BMPSTHMI ................  BMPSTHIF        613
Imputation flag for BMPSB1MI ................  BMPSB1IF        614
Imputation flag for BMPSB2MI ................  BMPSB2IF        615
Imputation flag for BMPSP1MI ................  BMPSP1IF        616
Imputation flag for BMPSP2MI ................  BMPSP2IF        617
Imputation flag for BMPTR1MI ................  BMPTR1IF        618
Imputation flag for BMPTR2MI ................  BMPTR2IF        619
Imputation flag for BMPWSTMI ................  BMPWSTIF        620
Imputation flag for BMPWTMI .................  BMPWTIF         621
Imputation flag for FEPMI ...................  FEPIF           622
Imputation flag for FRPMI ...................  FRPIF           623
Imputation flag for HDPMI ...................  HDPIF           624
Imputation flag for HGPMI ...................  HGPIF           625
Imputation flag for HTPMI ...................  HTPIF           626
Imputation flag for MCPSIMI .................  MCPSIIF         627
Imputation flag for MHPMI ...................  MHPIF           628
Imputation flag for MVPSIMI .................  MVPSIIF         629
Imputation flag for PBPMI ...................  PBPIF           630
Imputation flag for PHPFSTMI ................  PHPFSTIF        631
Imputation flag for PXPMI ...................  PXPIF           632
Imputation flag for RCPMI ...................  RCPIF           633
```

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------------------------------------------------------------------------
                                        Variable
Description                             Name        Positions
------------------------------------------------------------------------


IMPUTATION FLAGS

Imputation flag for RWPMI ...................   RWPIF           634
Imputation flag for SEPMI ...................   SEPIF           635
Imputation flag for TCPMI ...................   TCPIF           636
Imputation flag for TGPMI ...................   TGPIF           637
Imputation flag for TIPMI ...................   TIPIF           638
Imputation flag for FPPSUDMI ...............    FPPSUDIF        639
Imputation flag for FPPSUMMI ...............    FPPSUMIF        640
Imputation flag for FPPSURMI ...............    FPPSURIF        641
Imputation flag for PEP6G1MI ...............    PEP6G1IF        642
Imputation flag for PEP6G2MI ...............    PEP6G2IF        643
Imputation flag for PEP6G3MI ...............    PEP6G3IF        644
Imputation flag for PEP6H1MI ...............    PEP6H1IF        645
Imputation flag for PEP6H2MI ...............    PEP6H2IF        646
Imputation flag for PEP6H3MI ...............    PEP6H3IF        647
Imputation flag for PEP6I1MI ...............    PEP6I1IF        648
Imputation flag for PEP6I2MI ...............    PEP6I2IF        649
Imputation flag for PEP6I3MI ...............    PEP6I3IF        650
```

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                NHANES III Multiply Imputed Data File

-------------------------------------------------------------------------
FILENAME=CORE                  VERSION 1.0                      N=33994
-------------------------------------------------------------------------
                        GENERAL INFORMATION
-------------------------------------------------------------------------
Positions          Item description
SAS name   Counts    and code                                    Notes
-------------------------------------------------------------------------


      1-5            Sample person identification number
   SEQN
           33994    00003-53623


     6-10            Family sequence number                    See note
   DMPFSEQ
           33994    00001-20076


    11-11            Examination/interview status              See note
   DMPSTAT
            2683    1      Interviewed, not examined
           30818    2      Interviewed, MEC-examined
             493    3      Interviewed, home-examined


    12-12            Race-ethnicity                            See note
   DMARETHN
           13085    1      Non-Hispanic white
            9627    2      Non-Hispanic black
            9751    3      Mexican-American
            1531    4      Other


    13-13            Race                                      See note
   DMARACER
           22786    1      White
            9992    2      Black
            1203    3      Other
              13    8      Mexican-American of unknown race


    14-14            Ethnicity                                 See note
   DMAETHNR
            9751    1      Mexican-American
             945    2      Other Hispanic
           23298    3      Not Hispanic


    15-15            Sex
   HSSEX
           16295    1      Male
           17699    2      Female
```

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                    NHANES III Multiply Imputed Data File

-------------------------------------------------------------------------
FILENAME=CORE                    VERSION 1.0                      N=33994
-------------------------------------------------------------------------
                         GENERAL INFORMATION
-------------------------------------------------------------------------

Positions           Item description
SAS name    Counts     and code                                    Notes
-------------------------------------------------------------------------


    16-17               Date of screener (month)
 HSDOIMO
              2995     01
              3199     02
              2948     03
              3216     04
              3100     05
              1700     06
              2897     07
              2698     08
              2780     09
              3075     10
              3459     11
              1927     12

    18-19               Age at interview (Screener)        See note
 HSAGEIR
             33798     01-89
               196     90        90+

    20-20               Age at interview-unit (Screener)
 HSAGEU
              2107     1       Months
             31887     2       Years

    21-24               Age in months (Screener)           See note
 HSAITMOR
             33781     0002-1079
               194     1080    1080+ months
                19     9999    Don't know

    25-26               Family size                        See note
 HSFSIZER
              3576     01
              6168     02
              6157     03
              6997     04
              4896     05
              2610     06
              1401     07
               898     08
               476     09
               815     10      10+




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```

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                    NHANES III Multiply Imputed Data File

-----------------------------------------------------------------------
FILENAME=CORE                   VERSION 1.0                    N=33994
-----------------------------------------------------------------------
                          GENERAL INFORMATION
-----------------------------------------------------------------------
Positions           Item description
SAS name   Counts     and code                                  Notes
-----------------------------------------------------------------------


    27-28             Household size                          See note
  HSHSIZER
             2926    01
             6235    02
             6191    03
             7079    04
             4929    05
             2709    06
             1475    07
              978    08
              510    09
              962    10      10+


    29-31             County FIPS codes for United States     See note
  DMPCNTYR            counties with populations >= 500,000
            16177    001-439
            17817    Blank


    32-33             State FIPS codes for United States      See note
  DMPFIPSR            counties with populations >= 500,000
            16177    04-53
            17817    Blank


    34-34             Urbanization classification based on    See note
  DMPMETRO            USDA Rural/Urban continuum codes
            17183    1       Central counties of metro areas of
                             1 million population or more,
                             OR,
                             Fringe counties of metro areas of
                             1 million population or more
            16811    2       All other areas


    35-35             Census region                           See note
  DMPCREGN
             4638    1       Northeast
             6430    2       Midwest
            14384    3       South
             8542    4       West
```

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                   NHANES III Multiply Imputed Data File

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FILENAME=CORE                   VERSION 1.0                      N=33994
--------------------------------------------------------------------------

                        SURVEY DESIGN INFORMATION
--------------------------------------------------------------------------

Positions           Item description
SAS name    Counts      and code                              Notes
--------------------------------------------------------------------------


    36-36              Phase of NHANES III survey          See note
  SDPPHASE
            17464   1       1988-1991
            16530   2       1991-1994

    37-37               Total NHANES III Pseudo-PSU         See note
  SDPPSU6
            17183   1
            16811   2

    38-39              Total NHANES III Pseudo-stratum      See note
  SDPSTRA6
            33994   01-49

    40-48              Total NHANES III interviewed sample  See note
  WTPFQX6              final weight
            33994   000215.53-140916.28

    49-57              Replicate 1 final interview weight   See note
  WTPQRP1
            33994   000053.27-148435.02

    58-66              Replicate 2 final interview weight   See note
  WTPQRP2
            33994   000067.13-143746.82

    67-75              Replicate 3 final interview weight   See note
  WTPQRP3
            33994   000047.49-152075.62

    76-84              Replicate 4 final interview weight   See note
  WTPQRP4
            33994   000062.62-143215.97

    85-93              Replicate 5 final interview weight   See note
  WTPQRP5
            33994   000048.42-147700.94

    94-102             Replicate 6 final interview weight   See note
  WTPQRP6
            33994   0000053.1-146803.63

   103-111             Replicate 7 final interview weight   See note
  WTPQRP7
            33994   000058.18-145261.07

   112-120             Replicate 8 final interview weight   See note
  WTPQRP8
            33994   000048.23-165044.02
```

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-------------------------------------------------------------------------
FILENAME=CORE                 VERSION 1.0                      N=33994
-------------------------------------------------------------------------
                        SURVEY DESIGN INFORMATION
-------------------------------------------------------------------------
Positions           Item description
SAS name   Counts       and code                              Notes
-------------------------------------------------------------------------

   121-129                  Replicate 9 final interview weight    See note
   WTPQRP9
             33994     000053.27-147301.59

   130-138                  Replicate 10 final interview weight   See note
   WTPQRP10
             33994     000073.37-150156.79

   139-147                  Replicate 11 final interview weight   See note
   WTPQRP11
             33994     000058.31-146940.58

   148-156                  Replicate 12 final interview weight   See note
   WTPQRP12
             33994     000053.67-153958.72

   157-165                  Replicate 13 final interview weight   See note
   WTPQRP13
             33994     000067.93-147395.78

   166-174                  Replicate 14 final interview weight   See note
   WTPQRP14
             33994     000065.08-141527.04

   175-183                  Replicate 15 final interview weight   See note
   WTPQRP15
             33994     000062.35-140673.55

   184-192                  Replicate 16 final interview weight   See note
   WTPQRP16
             33994     000040.28-147603.74

   193-201                  Replicate 17 final interview weight   See note
   WTPQRP17
             33994     000045.36-154057.83

   202-210                  Replicate 18 final interview weight   See note
   WTPQRP18
             33994     000070.42-140696.18

   211-219                  Replicate 19 final interview weight   See note
   WTPQRP19
             33994     000050.96-139447.18

   220-228                  Replicate 20 final interview weight   See note
   WTPQRP20
             33994     000045.79-157335.08
```

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                    NHANES III Multiply Imputed Data File

--------------------------------------------------------------------------
FILENAME=CORE                   VERSION 1.0                     N=33994
--------------------------------------------------------------------------
                        SURVEY DESIGN INFORMATION
--------------------------------------------------------------------------
Positions           Item description
SAS name    Counts       and code                              Notes
--------------------------------------------------------------------------

   229-237              Replicate 21 final interview weight    See note
 WTPQRP21
            33994    000049.79-146241.31

   238-246              Replicate 22 final interview weight    See note
 WTPQRP22
            33994    000047.25-0154848.6

   247-255              Replicate 23 final interview weight    See note
 WTPQRP23
            33994    000037.18-148309.04

   256-264              Replicate 24 final interview weight    See note
 WTPQRP24
            33994    000057.42-141344.14

   265-273              Replicate 25 final interview weight    See note
 WTPQRP25
            33994    000044.13-145105.09

   274-282              Replicate 26 final interview weight    See note
 WTPQRP26
            33994    0000066.1-146773.53

   283-291              Replicate 27 final interview weight    See note
 WTPQRP27
            33994    000044.88-142455.25

   292-300              Replicate 28 final interview weight    See note
 WTPQRP28
            33994    000000046-148272.41

   301-309              Replicate 29 final interview weight    See note
 WTPQRP29
            33994    000079.38-153624.57

   310-318              Replicate 30 final interview weight    See note
 WTPQRP30
            33994    000058.09-151140.25

   319-327              Replicate 31 final interview weight    See note
 WTPQRP31
            33994    000051.39-159963.39

   328-336              Replicate 32 final interview weight    See note
 WTPQRP32
            33994    000066.17-139356.38
```

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                    NHANES III Multiply Imputed Data File

    --------------------------------------------------------------------------
    FILENAME=CORE                      VERSION 1.0                    N=33994
    --------------------------------------------------------------------------
                          SURVEY DESIGN INFORMATION
    --------------------------------------------------------------------------
    Positions            Item description
    SAS name   Counts       and code                                  Notes
    --------------------------------------------------------------------------

       337-345              Replicate 33 final interview weight    See note
    WTPQRP33
                  33994     0000057.8-136762.37

       346-354              Replicate 34 final interview weight    See note
    WTPQRP34
                  33994     000062.28-140628.16

       355-363              Replicate 35 final interview weight    See note
    WTPQRP35
                  33994     000063.73-154630.49

       364-372              Replicate 36 final interview weight    See note
    WTPQRP36
                  33994     000067.29-153648.69

       373-381              Replicate 37 final interview weight    See note
    WTPQRP37
                  33994     000043.47-142752.43

       382-390              Replicate 38 final interview weight    See note
    WTPQRP38
                  33994     000054.27-152122.87

       391-399              Replicate 39 final interview weight    See note
    WTPQRP39
                  33994     000050.55-152941.69

       400-408              Replicate 40 final interview weight    See note
    WTPQRP40
                  33994     000054.45-146815.92

       409-417              Replicate 41 final interview weight    See note
    WTPQRP41
                  33994     000059.62-141514.78

       418-426              Replicate 42 final interview weight    See note
    WTPQRP42
                  33994     000068.97-0140162.4

       427-435              Replicate 43 final interview weight    See note
    WTPQRP43
                  33994     000044.04-150981.83

       436-444              Replicate 44 final interview weight    See note
    WTPQRP44
                  33994     000040.36-144080.03
```

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-------------------------------------------------------------------------
FILENAME=CORE              VERSION 1.0                     N=33994
-------------------------------------------------------------------------
                        SURVEY DESIGN INFORMATION
-------------------------------------------------------------------------
Positions          Item description
SAS name   Counts      and code                            Notes
-------------------------------------------------------------------------

  445-453              Replicate 45 final interview weight   See note
WTPQRP45
             33994     000054.74-0142465.6

  454-462              Replicate 46 final interview weight   See note
WTPQRP46
             33994     000078.43-137838.21

  463-471              Replicate 47 final interview weight   See note
WTPQRP47
             33994     000052.71-145055.34

  472-480              Replicate 48 final interview weight   See note
WTPQRP48
             33994     000046.91-148787.77

  481-489              Replicate 49 final interview weight   See note
WTPQRP49
             33994     0000072.4-148375.43

  490-498              Replicate 50 final interview weight   See note
WTPQRP50
             33994     000070.53-165972.86

  499-507              Replicate 51 final interview weight   See note
WTPQRP51
             33994     000054.73-0144964.3

  508-516              Replicate 52 final interview weight   See note
WTPQRP52
             33994     000072.04-149087.24
```

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-------------------------------------------------------------------------
FILENAME=CORE                  VERSION 1.0                      N=33994
-------------------------------------------------------------------------
                  HOUSEHOLD FAMILY QUESTIONNAIRE ITEMS
-------------------------------------------------------------------------
Positions           Item description
SAS name    Counts     and code                                    Notes
-------------------------------------------------------------------------

   517-518              Highest grade or yr of school attended
  HFA7
              8966    00      Never attended or K only
               739    01      Elementary 1
               788    02      Elementary 2
               968    03      Elementary 3
               939    04      Elementary 4
               915    05      Elementary 5
              1372    06      Elementary 6
               958    07      Elementary 7
              1736    08      Elementary 8
              1384    09      High school 9
              1498    10      High school 10
              1611    11      High school 11
              6022    12      High school 12
              1163    13      College 1
              1591    14      College 2
               573    15      College 3
              1397    16      College 4
              1094    17      College 5+
               180    88      Blank but applicable
               100    99      Don't know

   519-519              Finished highest grade/yr attended
  HFA8
             15913    1       Yes
              8793    2       No
               212    8       Blank but applicable
               110    9       Don't know
              8966    Blank

   520-521              Is -- now married, living together with
  HFA12                 someone as married, widowed, divorced

             10254    01      Married - spouse in household
               365    02      Married - spouse not in household
               788    03      Living as married
              2352    04      Widowed
              1388    05      Divorced
               687    06      Separated
              5385    07      Never married
             12639    55      Under 14
               133    88      Blank but applicable
                 3    99      Don't know
```

```
--------------------------------------------------------------------------
FILENAME=CORE                  VERSION 1.0                      N=33994
--------------------------------------------------------------------------
               HOUSEHOLD ADULT QUESTIONNAIRE ITEMS
--------------------------------------------------------------------------
Positions          Item description
SAS name    Counts     and code                                  Notes
--------------------------------------------------------------------------

   522-522                Has a doctor ever told you
  HAC1A                   that you had arthritis?
             4298    1       Yes
            15748    2       No
                4    9       Don't know
            13944    Blank

   523-523                Which type of arthritis was it?  Was it
  HAC1B                   rheumatoid arthritis or osteoarthritis?
              840    1       Yes
              825    2       No
               59    8       Blank but applicable
             2574    9       Don't know
            29696    Blank

   524-524                Has a doctor ever told you that you
  HAC1C                   had congestive heart failure?
              757    1       Yes
            19265    2       No
                1    8       Blank but applicable
               27    9       Don't know
            13944    Blank

   525-525                Has a doctor ever told you that you
  HAC1D                   had a stroke?
              649    1       Yes
            19393    2       No
                1    8       Blank but applicable
                7    9       Don't know
            13944    Blank

   526-526                Has a doctor ever told you that you
  HAC1E                   had asthma?
             1376    1       Yes
            18672    2       No
                1    8       Blank but applicable
                1    9       Don't know
            13944    Blank

   527-527                Has a doctor ever told you that you
  HAC1F                   had chronic bronchitis?
             1134    1       Yes
            18914    2       No
                2    9       Don't know
            13944    Blank
```

```
------------------------------------------------------------------------
FILENAME=CORE                  VERSION 1.0                     N=33994
------------------------------------------------------------------------
                 HOUSEHOLD ADULT QUESTIONNAIRE ITEMS
------------------------------------------------------------------------
Positions              Item description
SAS name    Counts       and code                              Notes
------------------------------------------------------------------------

    528-528              Has a doctor ever told you that you
  HAC1G                  had emphysema?
             430    1        Yes
           19614    2        No
               1    8        Blank but applicable
               5    9        Don't know
           13944    Blank

    529-529              Has a doctor ever told you that you
  HAC1H                  had hay fever?
            1773    1        Yes
           18272    2        No
               3    8        Blank but applicable
               2    9        Don't know
           13944    Blank

    530-530              Has a doctor ever told you that you
  HAC1I                  had cataracts?
            2427    1        Yes
           17610    2        No
               2    8        Blank but applicable
              11    9        Don't know
           13944    Blank

    531-531              Has a doctor ever told you that you
  HAC1J                  had goiter?
             285    1        Yes
           19759    2        No
               1    8        Blank but applicable
               5    9        Don't know
           13944    Blank

    532-532              Has a doctor ever told you that you
  HAC1K                  had other thyroid disease?
             704    1        Yes
           19342    2        No
               4    9        Don't know
           13944    Blank

    533-533              Has a doctor ever told you that you
  HAC1L                  had lupus?
              40    1        Yes
           20005    2        No
               5    9        Don't know
           13944    Blank
```

```
-------------------------------------------------------------------------
FILENAME=CORE                    VERSION 1.0                      N=33994
-------------------------------------------------------------------------
                    HOUSEHOLD ADULT QUESTIONNAIRE ITEMS
-------------------------------------------------------------------------
Positions            Item description
SAS name    Counts     and code                                    Notes
-------------------------------------------------------------------------

   534-534                Has a doctor ever told you that you
  HAC1M                   had gout?
             572    1       Yes
           19475    2       No
               3    9       Don't know
           13944    Blank

   535-535                Has a doctor ever told you that you
  HAC1N                   had skin cancer?
             834    1       Yes
           19211    2       No
               1    8       Blank but applicable
               4    9       Don't know
           13944    Blank

   536-536                Has a doctor ever told you that you
  HAC1O                   had other cancer?
             780    1       Yes
           19266    2       No
               1    8       Blank but applicable
               3    9       Don't know
           13944    Blank

   537-537                Have you ever been told by a
  HAD1                    doctor that you have diabetes or
                          sugar diabetes?
            1614    1       Yes
           18410    2       No
               3    8       Blank but applicable
              23    9       Don't know
           13944    Blank

   538-538                Have you ever been told by a
  HAE2                    doctor or other health professional
                          that you had hypertension, also
                          called high blood pressure?
            5438    1       Yes
           14401    2       No
               1    8       Blank but applicable
              42    9       Don't know
           14112    Blank
```

```
--------------------------------------------------------------------------
FILENAME=CORE                 VERSION 1.0                    N=33994
--------------------------------------------------------------------------
                  HOUSEHOLD ADULT QUESTIONNAIRE ITEMS
--------------------------------------------------------------------------

Positions           Item description
SAS name   Counts      and code                              Notes
--------------------------------------------------------------------------


   539-539          Because of your (high blood
  HAE4A             pressure/hypertension), have you
                    ever been told by a doctor or other
                    health professional to take
                    prescribed medicine?
             4103   1      Yes
             1316   2      No
               16   8      Blank but applicable
                4   9      Don't know
            28555   Blank


   540-540          Because of your (high blood
  HAE4B             pressure/hypertension), have you
                    ever been told by a doctor or other
                    health professional to control your
                    weight or lose weight?
             2653   1      Yes
             2768   2      No
               17   8      Blank but applicable
                1   9      Don't know
            28555   Blank


   541-541          Are you now taking prescribed
  HAE5A             medicine?
             3204   1      Yes
              889   2      No
               26   8      Blank but applicable
            29875   Blank


   542-542          Are you now controlling or losing
  HAE5B             weight?
             2011   1      Yes
              633   2      No
               26   8      Blank but applicable
            31324   Blank


   543-543          Have you ever had your blood
  HAE6              cholesterol checked?
             9923   1      Yes
             9412   2      No
                3   8      Blank but applicable
              712   9      Don't know
            13944   Blank
```

```
------------------------------------------------------------------------
FILENAME=CORE              VERSION 1.0                    N=33994
------------------------------------------------------------------------
                   HOUSEHOLD ADULT QUESTIONNAIRE ITEMS
------------------------------------------------------------------------
Positions            Item description
SAS name   Counts      and code                              Notes
------------------------------------------------------------------------

   544-544              Have you ever been told by a doctor or
  HAE7                  other health professional that your
                       blood cholesterol level was high?
            3243       1      Yes
            6655       2      No
               3       8      Blank but applicable
              25       9      Don't know
           24068       Blank

   545-545              Have you ever had any pain or
  HAF1                  discomfort in your chest?
            5655       1      Yes
           14388       2      No
               3       8      Blank but applicable
               4       9      Don't know
           13944       Blank

   546-546              Has a doctor ever told you
  HAF10                 that you had a heart attack?
             938       1      Yes
           18823       2      No
             286       8      Blank but applicable
               3       9      Don't know
           13944       Blank

   547-547              Have you ever had pain in your
  HAG2                  back on most days for at least one
                       month?
            4608       1      Yes
           14184       2      No
              17       8      Blank but applicable
              16       9      Don't know
           15169       Blank

   548-548              Have you had this pain within the
  HAG3                  past 12 months?
            3654       1      Yes
             945       2      No
              24       8      Blank but applicable
               2       9      Don't know
           29369       Blank

   549-549              Has a doctor ever told you that
  HAG5A                 you had broken or fractured your hip?
             340       1      Yes
           18471       2      No
              14       8      Blank but applicable
           15169       Blank
```

```
----------------------------------------------------------------------
FILENAME=CORE                    VERSION 1.0                   N=33994
----------------------------------------------------------------------
                  HOUSEHOLD ADULT QUESTIONNAIRE ITEMS
----------------------------------------------------------------------

Positions              Item description
SAS name    Counts        and code                             Notes
----------------------------------------------------------------------


   550-550             Has a doctor ever told you that
  HAG5B                you had broken or fractured your wrist
                       (not forearm or hand)?
             1332      1       Yes
            17477      2       No
               15      8       Blank but applicable
                1      9       Don't know
            15169      Blank


   551-551             Has a doctor ever told you that
  HAG5C                you had broken or fractured your spine?
              281      1       Yes
            18529      2       No
               14      8       Blank but applicable
                1      9       Don't know
            15169      Blank


   552-552             Has a doctor ever told you
  HAG11                that you had osteoporosis, sometimes
                       called thin or brittle bones?
              418      1       Yes
            18336      2       No
               22      8       Blank but applicable
               49      9       Don't know
            15169      Blank


   553-553             Were you treated for osteoporosis?
  HAG12
              231      1       Yes
              181      2       No
               24      8       Blank but applicable
                4      9       Don't know
            33554      Blank


   554-556             Beer and lite beer? (per month)      See note
  HAN6HS
            20007      000-365
               33      888     Blank but applicable
               10      999     Don't know
            13944      Blank


   557-559             Wine, wine coolers, sangria, and     See note
  HAN6IS               champagne? (per month)
            20009      000-091
               27      888     Blank but applicable
               14      999     Don't know
            13944      Blank
```

```
-------------------------------------------------------------------------
FILENAME=CORE                    VERSION 1.0                    N=33994
-------------------------------------------------------------------------
               HOUSEHOLD ADULT QUESTIONNAIRE ITEMS
-------------------------------------------------------------------------

Positions           Item description
SAS name    Counts     and code                                    Notes
-------------------------------------------------------------------------


   560-562              Hard liquor such as tequila, gin, vodka, See note
  HAN6JS                scotch, rum, whiskey and liqueurs,
                        either alone or mixed? (per month)
            20004       000-486
               29       888     Blank but applicable
               17       999     Don't know
            13944       Blank


   563-563              Do you have total blindness in one
  HAP1                  or both eyes?
              358       1       Yes
            19668       2       No
               17       8       Blank but applicable
                7       9       Don't know
            13944       Blank


   564-564              Do you have total blindness...
  HAP1A                 IF YES, ASK:  Which, one or both eyes?
              308       1       Yes
               33       2       No
               34       8       Blank but applicable
            33619       Blank


   565-565              Do you use eyeglasses, contact lenses
  HAP2                  or both?
                        INCLUDE EYEGLASSES THAT JUST MAGNIFY.
            11383       1         Eyeglasses
              365       2         Contact lenses
              794       3         Both
             7487       4         Neither
               21       8         Blank but applicable
            13944       Blank


   566-566              Do you have trouble seeing with
  HAP3                  one or both eyes (even when wearing
                        glasses or contact lenses)?
             2946       1       Yes
            17040       2       No
               54       8       Blank but applicable
               10       9       Don't know
            13944       Blank


   567-567              Do you now have total deafness in
  HAP10                 one or both ears?
              491       1       Yes
            19525       2       No
               15       8       Blank but applicable
               19       9       Don't know
            13944       Blank
```

```
------------------------------------------------------------------------
FILENAME=CORE                  VERSION 1.0                    N=33994
------------------------------------------------------------------------
                  HOUSEHOLD ADULT QUESTIONNAIRE ITEMS
------------------------------------------------------------------------
Positions            Item description
SAS name   Counts       and code                              Notes
------------------------------------------------------------------------

   568-568             Do you have total deafness...
  HAP10A               IF YES, ASK:  Which, one or both ears?
            390    1       One
             85    2       Both
             31    8       Blank but applicable
          33488    Blank

   569-569             Have you smoked at least 100
  HAR1                 cigarettes during your entire life?
                       APPROXIMATELY 5 PACKS.
           9799    1       Yes
          10235    2       No
             16    8       Blank but applicable
          13944    Blank

   570-570             Do you smoke cigarettes now?
  HAR3
           4990    1       Yes
           4807    2       No
             18    8       Blank but applicable
          24179    Blank

   571-571             Have you ever used chewing
  HAR14                tobacco or snuff?
           1716    1       Yes
          18313    2       No
             18    8       Blank but applicable
              3    9       Don't know
          13944    Blank

   572-572             Do you use chewing tobacco or
  HAR16                snuff now?
            602    1       Yes
            783    2       No
             31    8       Blank but applicable
          32578    Blank

   573-573             Have you ever smoked at least
  HAR23                20 cigars in your entire life?
           2073    1       Yes
          17951    2       No
             21    8       Blank but applicable
              5    9       Don't know
          13944    Blank
```

```
-----------------------------------------------------------------------
FILENAME=CORE                  VERSION 1.0                    N=33994
-----------------------------------------------------------------------
                  HOUSEHOLD ADULT QUESTIONNAIRE ITEMS
-----------------------------------------------------------------------
Positions          Item description
SAS name   Counts     and code                              Notes
-----------------------------------------------------------------------

   574-574                 Do you now smoke cigars?
   HAR24
              296     1       Yes
             1772     2       No
               26     8       Blank but applicable
            31900     Blank

   575-575                 Have you ever smoked at least
   HAR26                   20 pipefuls of tobacco in your
                           entire life?
             1609     1       Yes
            18411     2       No
               26     8       Blank but applicable
                4     9       Don't know
            13944     Blank

   576-576                 Do you now smoke a pipe?
   HAR27
              148     1       Yes
             1465     2       No
               22     8       Blank but applicable
            32359     Blank
```

NHANES III Multiply Imputed Data File

```
--------------------------------------------------------------------------
FILENAME=CORE                    VERSION 1.0                    N=33994
--------------------------------------------------------------------------
                  HOUSEHOLD YOUTH QUESTIONNAIRE ITEMS
--------------------------------------------------------------------------
Positions           Item description
SAS name    Counts     and code                                    Notes
--------------------------------------------------------------------------

   577-577                  Did a doctor ever say that -- had
  HYE1G                     asthma?
             1025    1       Yes
            12915    2       No
                4    9       Don't know
            20050    Blank

   578-578                  Did a doctor ever say that -- had
  HYE1H                     chronic bronchitis?
              607    1       Yes
            13335    2       No
                2    9       Don't know
            20050    Blank

   579-579                  Did a doctor ever say that -- had
  HYE6A                     hypertension or high blood pressure?
               53    1       Yes
             7903    2       No
                3    8       Blank but applicable
                2    9       Don't know
            26033    Blank

   580-580                  Did a doctor ever say that -- had
  HYE6B                     high blood cholesterol?
               53    1       Yes
             7897    2       No
                4    8       Blank but applicable
                7    9       Don't know
            26033    Blank

   581-581                  Has -- ever had anemia, sometimes called
  HYE15                     'tired blood' or 'low blood?'
             1230    1       Yes
            12641    2       No
                3    8       Blank but applicable
               70    9       Don't know
            20050    Blank

   582-582                  Does -- have trouble seeing with one
  HYH2                      or both eyes even when wearing glasses
                            or contact lenses?
              715    1       Yes
             8387    2       No
               36    8       Blank but applicable
               11    9       Don't know
            24845    Blank
```

```
-------------------------------------------------------------------------
FILENAME=CORE                  VERSION 1.0                    N=33994
-------------------------------------------------------------------------
                   HOUSEHOLD YOUTH QUESTIONNAIRE ITEMS
-------------------------------------------------------------------------
Positions            Item description
SAS name    Counts      and code                              Notes
-------------------------------------------------------------------------

    583-583            Has -- ever had trouble hearing with
   HYH10               one or both ears?  Do not include any
                       problems which lasted just a short
                       period of time such as during a cold.
              426   1       Yes
            13423   2       No
                7   8       Blank but applicable
               88   9       Don't know
            20050   Blank
```

```
-------------------------------------------------------------------------
FILENAME=CORE                    VERSION 1.0                    N=33994
-------------------------------------------------------------------------
                            IMPUTATION FLAGS
-------------------------------------------------------------------------
Positions           Item description
SAS name    Counts     and code                              Notes
-------------------------------------------------------------------------


  584-584                  Imputation flag for DMPPIRMI
 DMPPIRIF
            30584    1       Data value observed
             3410    2       Value multiply imputed

  585-585                  Imputation flag for HFF1MI
 HFF1IF
            33863    1       Data value observed
              131    2       Value multiply imputed

  586-586                  Imputation flag for HAB1MI
 HAB1IF
            13944    0       Item not applicable
            20037    1       Data value observed
               13    2       Value multiply imputed

  587-587                  Imputation flag for HAM5MI
 HAM5IF
            13944    0       Item not applicable
            19129    1       Data value observed
              921    2       Value multiply imputed

  588-588                  Imputation flag for HAM6MI
 HAM6IF
            13944    0       Item not applicable
            19369    1       Data value observed
              681    2       Value multiply imputed

  589-589                  Imputation flag for HAN6SRMI
 HAN6SRIF
            13944    0       Item not applicable
            18470    1       Data value observed
             1580    2       Value multiply imputed

  590-590                  Imputation flag for HAQ1MI
 HAQ1IF
            13944    0       Item not applicable
            20033    1       Data value observed
               17    2       Value multiply imputed

  591-591                  Imputation flag for HAR3RMI
 HAR3RIF
            13944    0       Item not applicable
            20032    1       Data value observed
               18    2       Value multiply imputed
```

NHANES III Multiply Imputed Data File

```
-------------------------------------------------------------------------
FILENAME=CORE                    VERSION 1.0                     N=33994
-------------------------------------------------------------------------
                             IMPUTATION FLAGS
-------------------------------------------------------------------------
Positions          Item description
SAS name   Counts     and code                                     Notes
-------------------------------------------------------------------------

   592-592               Imputation flag for HAT28MI
   HAT28IF
            13944    0        Item not applicable
            19620    1        Data value observed
              430    2        Value multiply imputed

   593-593               Imputation flag for HAZAK1MI
   HAZAK1IF
            13944    0        Item not applicable
            18927    1        Data value observed
             1123    2        Value multiply imputed

   594-594               Imputation flag for HAZAK5MI
   HAZAK5IF
            13944    0        Item not applicable
            18927    1        Data value observed
             1123    2        Value multiply imputed

   595-595               Imputation flag for HAZBK1MI
   HAZBK1IF
            13944    0        Item not applicable
            18935    1        Data value observed
             1115    2        Value multiply imputed

   596-596               Imputation flag for HAZBK5MI
   HAZBK5IF
            13944    0        Item not applicable
            18935    1        Data value observed
             1115    2        Value multiply imputed

   597-597               Imputation flag for HAZCK1MI
   HAZCK1IF
            13944    0        Item not applicable
            18925    1        Data value observed
             1125    2        Value multiply imputed

   598-598               Imputation flag for HAZCK5MI
   HAZCK5IF
            13944    0        Item not applicable
            18925    1        Data value observed
             1125    2        Value multiply imputed

   599-599               Imputation flag for HYD1MI
   HYD1IF
            20050    0        Item not applicable
            13942    1        Data value observed
                2    2        Value multiply imputed
```

```
--------------------------------------------------------------------------
FILENAME=CORE                    VERSION 1.0                     N=33994
--------------------------------------------------------------------------
                            IMPUTATION FLAGS
--------------------------------------------------------------------------

Positions          Item description
SAS name   Counts     and code                                    Notes
--------------------------------------------------------------------------


   600-600                Imputation flag for HYF2MI
  HYF2IF
            23496   0       Item not applicable
            10494   1       Data value observed
                4   2       Value multiply imputed

   601-601                Imputation flag for BDPFNDMI
  BDPFNDIF
            15169   0       Item not applicable
            14646   1       Data value observed
             4179   2       Value multiply imputed

   602-602                Imputation flag for BDPINDMI
  BDPINDIF
            15169   0       Item not applicable
            14646   1       Data value observed
             4179   2       Value multiply imputed

   603-603                Imputation flag for BDPKMI
  BDPKIF
            15169   0       Item not applicable
            14646   1       Data value observed
             4179   2       Value multiply imputed

   604-604                Imputation flag for BDPTOAMI
  BDPTOAIF
            15169   0       Item not applicable
            14646   1       Data value observed
             4179   2       Value multiply imputed

   605-605                Imputation flag for BDPTODMI
  BDPTODIF
            15169   0       Item not applicable
            14646   1       Data value observed
             4179   2       Value multiply imputed

   606-606                Imputation flag for BDPTRDMI
  BDPTRDIF
            15169   0       Item not applicable
            14646   1       Data value observed
             4179   2       Value multiply imputed

   607-607                Imputation flag for BDPWTDMI
  BDPWTDIF
            15169   0       Item not applicable
            14646   1       Data value observed
             4179   2       Value multiply imputed
```

```
-------------------------------------------------------------------------------
FILENAME=CORE                    VERSION 1.0                         N=33994
-------------------------------------------------------------------------------
                              IMPUTATION FLAGS
-------------------------------------------------------------------------------

Positions            Item description
SAS name    Counts     and code                                      Notes
-------------------------------------------------------------------------------


   608-608                 Imputation flag for BMPBUTMI
 BMPBUTIF
              3446    0        Item not applicable
             26290    1        Data value observed
              4258    2        Value multiply imputed

   609-609                 Imputation flag for BMPHEAMI
 BMPHEAIF
             24586    0        Item not applicable
              8609    1        Data value observed
               799    2        Value multiply imputed

   610-610                 Imputation flag for BMPHTMI
 BMPHTIF
              3446    0        Item not applicable
             27935    1        Data value observed
              2613    2        Value multiply imputed

   611-611                 Imputation flag for BMPKNEMI
 BMPKNEIF
             27398    0        Item not applicable
              4938    1        Data value observed
              1658    2        Value multiply imputed

   612-612                 Imputation flag for BMPRECMI
 BMPRECIF
             28012    0        Item not applicable
              5525    1        Data value observed
               457    2        Value multiply imputed

   613-613                 Imputation flag for BMPSTHMI
 BMPSTHIF
              3446    0        Item not applicable
             27009    1        Data value observed
              3539    2        Value multiply imputed

   614-614                 Imputation flag for BMPSB1MI
 BMPSB1IF
             28250    1        Data value observed
              5744    2        Value multiply imputed

   615-615                 Imputation flag for BMPSB2MI
 BMPSB2IF
             28185    1        Data value observed
              5809    2        Value multiply imputed
```

```
-------------------------------------------------------------------------
FILENAME=CORE                  VERSION 1.0                    N=33994
-------------------------------------------------------------------------
                          IMPUTATION FLAGS
-------------------------------------------------------------------------
Positions           Item description
SAS name    Counts     and code                                  Notes
-------------------------------------------------------------------------


  616-616                   Imputation flag for BMPSP1MI
BMPSP1IF
              3446    0        Item not applicable
             25305    1        Data value observed
              5243    2        Value multiply imputed

  617-617                   Imputation flag for BMPSP2MI
BMPSP2IF
              3446    0        Item not applicable
             25208    1        Data value observed
              5340    2        Value multiply imputed

  618-618                   Imputation flag for BMPTR1MI
BMPTR1IF
             29394    1        Data value observed
              4600    2        Value multiply imputed

  619-619                   Imputation flag for BMPTR2MI
BMPTR2IF
             28886    1        Data value observed
              5108    2        Value multiply imputed

  620-620                   Imputation flag for BMPWSTMI
BMPWSTIF
              3446    0        Item not applicable
             26288    1        Data value observed
              4260    2        Value multiply imputed

  621-621                   Imputation flag for BMPWTMI
BMPWTIF
             31132    1        Data value observed
              2862    2        Value multiply imputed

  622-622                   Imputation flag for FEPMI
FEPIF
              2107    0        Item not applicable
             26479    1        Data value observed
              5408    2        Value multiply imputed

  623-623                   Imputation flag for FRPMI
FRPIF
              2107    0        Item not applicable
             26393    1        Data value observed
              5494    2        Value multiply imputed

  624-624                   Imputation flag for HDPMI
HDPIF
              5982    0        Item not applicable
             23409    1        Data value observed
              4603    2        Value multiply imputed
```

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--------------------------------------------------------------------------
FILENAME=CORE                    VERSION 1.0                      N=33994
--------------------------------------------------------------------------
                            IMPUTATION FLAGS
--------------------------------------------------------------------------
Positions          Item description
SAS name   Counts     and code                                     Notes
--------------------------------------------------------------------------

   625-625            Imputation flag for HGPMI
  HGPIF
              2107    0       Item not applicable
             26372    1       Data value observed
              5515    2       Value multiply imputed

   626-626            Imputation flag for HTPMI
  HTPIF
              2107    0       Item not applicable
             26370    1       Data value observed
              5517    2       Value multiply imputed

   627-627            Imputation flag for MCPSIMI
  MCPSIIF
              2107    0       Item not applicable
             26369    1       Data value observed
              5518    2       Value multiply imputed

   628-628            Imputation flag for MHPMI
  MHPIF
              2107    0       Item not applicable
             26369    1       Data value observed
              5518    2       Value multiply imputed

   629-629            Imputation flag for MVPSIMI
  MVPSIIF
              2107    0       Item not applicable
             26371    1       Data value observed
              5516    2       Value multiply imputed

   630-630            Imputation flag for PBPMI
  PBPIF
              2107    0       Item not applicable
             26818    1       Data value observed
              5069    2       Value multiply imputed

   631-631            Imputation flag for PHPFSTMI
  PHPFSTIF
              2107    0       Item not applicable
             27700    1       Data value observed
              4187    2       Value multiply imputed

   632-632            Imputation flag for PXPMI
  PXPIF
              2107    0       Item not applicable
             25770    1       Data value observed
              6117    2       Value multiply imputed
```

```
-------------------------------------------------------------------------
FILENAME=CORE                    VERSION 1.0                    N=33994
-------------------------------------------------------------------------
                            IMPUTATION FLAGS
-------------------------------------------------------------------------
Positions          Item description
SAS name   Counts    and code                                    Notes
-------------------------------------------------------------------------

   633-633                 Imputation flag for RCPMI
  RCPIF
              2107    0        Item not applicable
             26370    1        Data value observed
              5517    2        Value multiply imputed

   634-634                 Imputation flag for RWPMI
  RWPIF
              2107    0        Item not applicable
             26372    1        Data value observed
              5515    2        Value multiply imputed

   635-635                 Imputation flag for SEPMI
  SEPIF
             11728    0        Item not applicable
             18597    1        Data value observed
              3669    2        Value multiply imputed

   636-636                 Imputation flag for TCPMI
  TCPIF
              5982    0        Item not applicable
             23561    1        Data value observed
              4451    2        Value multiply imputed

   637-637                 Imputation flag for TGPMI
  TGPIF
              5982    0        Item not applicable
             23515    1        Data value observed
              4497    2        Value multiply imputed

   638-638                 Imputation flag for TIPMI
  TIPIF
              2107    0        Item not applicable
             25802    1        Data value observed
              6085    2        Value multiply imputed

   639-639                 Imputation flag for FPPSUDMI
  FPPSUDIF
             22546    0        Item not applicable
              8486    1        Data value observed
              2962    2        Value multiply imputed

   640-640                 Imputation flag for FPPSUMMI
  FPPSUMIF
             22546    0        Item not applicable
              8208    1        Data value observed
              3240    2        Value multiply imputed
```

```
------------------------------------------------------------------------
FILENAME=CORE                    VERSION 1.0                    N=33994
------------------------------------------------------------------------
                            IMPUTATION FLAGS
------------------------------------------------------------------------
Positions           Item description
SAS name   Counts      and code                                  Notes
------------------------------------------------------------------------


   641-641                   Imputation flag for FPPSURMI
  FPPSURIF
            22546    0        Item not applicable
             8211    1        Data value observed
             3237    2        Value multiply imputed

   642-642                   Imputation flag for PEP6G1MI
  PEP6G1IF
             7151    0        Item not applicable
            23100    1        Data value observed
             3743    2        Value multiply imputed

   643-643                   Imputation flag for PEP6G2MI
  PEP6G2IF
            25976    0        Item not applicable
             5354    1        Data value observed
             2664    2        Value multiply imputed

   644-644                   Imputation flag for PEP6G3MI
  PEP6G3IF
             7151    0        Item not applicable
            23070    1        Data value observed
             3773    2        Value multiply imputed

   645-645                   Imputation flag for PEP6H1MI
  PEP6H1IF
             7151    0        Item not applicable
            23087    1        Data value observed
             3756    2        Value multiply imputed

   646-646                   Imputation flag for PEP6H2MI
  PEP6H2IF
            25976    0        Item not applicable
             5734    1        Data value observed
             2284    2        Value multiply imputed

   647-647                   Imputation flag for PEP6H3MI
  PEP6H3IF
             7151    0        Item not applicable
            23060    1        Data value observed
             3783    2        Value multiply imputed

   648-648                   Imputation flag for PEP6I1MI
  PEP6I1IF
             7151    0        Item not applicable
            22981    1        Data value observed
             3862    2        Value multiply imputed
```

```
                    NHANES III Multiply Imputed Data File

-----------------------------------------------------------------------
FILENAME=CORE                  VERSION 1.0                      N=33994
-----------------------------------------------------------------------
                          IMPUTATION FLAGS
-----------------------------------------------------------------------
Positions          Item description
SAS name    Counts     and code                                 Notes
-----------------------------------------------------------------------

    649-649                Imputation flag for PEP6I2MI
  PEP6I2IF
            25976    0         Item not applicable
             5675    1         Data value observed
             2343    2         Value multiply imputed

    650-650                Imputation flag for PEP6I3MI
  PEP6I3IF
             7151    0         Item not applicable
            22949    1         Data value observed
             3894    2         Value multiply imputed
```

MULTIPLY IMPUTED DATA FILE: NOTES

DMPFSEQ: Family sequence number

     This variable can be used to determine all family members who
     participated in the survey. Sample persons who have identical
     family sequence numbers (i.e. match on all 5 digits) are members
     of the same family.

DMPSTAT: Examination/interview status

     This variable identifies the interview or examination status of all persons
     selected for the NHANES III sample. Interviewed persons completed
     preselected questions in specific sections of the Household Adult or Youth
     Questionnaires. Mobile examination center (MEC)-examined persons were
     interviewed and successfully completed at least one examination component
     in the MEC. Home-examined persons were interviewed and successfully
     completed at least one home examination component. The home examination
     was an option for frail older adults, infants 2-11 months of age, and other
     adults who were unable to come to the MEC.

DMARETHN: Race-ethnicity

     This key analytic variable, based on the NHANES III survey design, was
     derived from many sources of data and is based on reported race and
     ethnicity. The other category includes all Hispanics, regardless of
     race, who were not Mexican-American and also includes all non-Hispanics
     from racial groups other than white or black.

DMARACER: Race

     This variable was obtained from two primary sources: the Screener and
     the Family Questionnaires. Prior to the selection of the sample, race
     (Black, White, Other) was self-reported or reported by proxy in the
     Screener Questionnaire. During the administration of the Family
     Questionnaire, race was self-reported or reported by the respondent of
     the Family Questionnaire from five categories (Aleut, Eskimo, American
     Indian, Asian or Pacific Islander, Black, White, Other). Responses from
     the two sources were adjudicated, as necessary, to create a three level
     variable (Black, White, Other).

DMAETHNR: Ethnicity

     This variable was obtained from two primary sources: the Screener and
     the Family Questionnaires. As part of both interviews, hand cards were
     used to determine Mexican/Mexican-American or Other Latin
     American/Spanish ancestry or national origin. Responses of non-Hispanic
     ancestry or national origin were categorized as other. Responses from
     the two interviews were adjudicated, as necessary, and this three
     level variable was created.

HSAGEIR: Age (Screener Questionnaire)

Age was calculated using the birth date which was obtained from the
Screener Questionnaire. The variable HSAGEU provides the age unit
(months or years) for HSAGEIR. Ages of 90 years or greater were recoded
into a single category of 90+ years to help protect the confidentiality
of survey participants.

HSAITMOR: Age in months (Screener Questionnaire)

Age in months was calculated by computing number of months between the
Screener Questionnaire date and date of birth. This variable was
created for analyses where exact age at the interview may be needed.
HSAITMOR differs slightly from the age in years (HSAGEIR), the variable
most often used for analyses. Ages of 1080 months and older (90 years
and older) were recoded into a single category of 1080+ months to
protect the confidentiality of survey participants.

HSFSIZER: Family Size

Family size represents the total number of related persons living in a
household (single dwelling unit). All household members were rostered
by family during the Screener interview. Household members who were
related to the family reference person (knowledgeable household member
17 years or older who owned or rented the dwelling unit) by blood or
marriage were considered part of the family. Adopted children, foster-
and god-children were also included, if they were living in the dwelling
unit. However, family members who were away at college, or living
independently were not included. Other household members who were
unrelated to the reference person were considered members of separate
families. Families with 10 members or more were recoded into a single
response category of 10+ persons to help protect confidentiality. See
note for Household Size (HSHSIZER).

HSHSIZER: Household Size

Household size represents the total number of persons living in a single
dwelling unit, both related and unrelated. All permanent household
members were rostered according to their family as part the Screener
interview. This was done in order to obtain a complete list of all
persons living or staying in the dwelling unit, and to distinguish
household and family members. Households with 10 members or more were
recoded into a single response category of 10+ persons to help protect
confidentiality. See note for Family Size (HFHSIZER).

DMPCNTYR: County FIPS codes for United States counties with populations of
            500,000 and more

These county FIPS codes identify large counties with populations of
500,000 and more that were sampled in the survey. Counties with
population less than 500,000 are not included to prevent identification
of these locations. See Appendix 1 for listing of codes.

DMPFIPSR: State FIPS codes for United States counties with populations of
          500,000 and more

     These state FIPS codes identify counties with populations of 500,000+
     that were sampled in the survey. Counties with population less than
     500,000 are not included to prevent identification of these locations.
     See Appendix 1 for listing of codes.

DMPMETRO: Urbanization classification based on USDA Rural-Urban
           continuum codes

     These classifications are based on the USDA Rural-Urban codes (Butler and
     Beale, 1993) that describe metro and nonmetro counties by degree of
     urbanization and nearness to metro areas. The USDA codes were recoded
     into two categories to prevent identification of counties that were
     sampled in the survey.

DMPCREGN: Census region

     The United States was divided into four broad geographic regions as
     defined by the Bureau of Census. Because all states were not included in
     the selected sample, regional estimates may not be representative for a
     given region.

SDPPHASE: Phase of NHANES III survey

     For operational purposes, 81 primary sampling units were divided into 89
     survey locations (or stands) and randomly allocated to two three-year
     phases. Phase 1 data were collected from October 1988 through October
     1991 and Phase 2 data were collected from October 1991 through October
     1994.

SDPSTRA6, SDPPSU6: Pseudo strata codes and pseudo PSU pair codes

     Because NHANES III was based upon a complex sample design, the
     assumptions of many statistical tests and routinely available
     statistical programs are not met. For this reason, when estimates of
     the variances of statistics are computed, the technique of estimation
     must be based upon complex sampling theory. In order to provide users
     with the capability of estimating the complex sample variances, 49
     pseudo strata and a pair of Primary Sampling Unit (PSU) codes per
     stratum were designed.

     A software package, 'SUDAAN- Software for the Statistical Analysis of
     Correlated Data' (Shah, 1995), was developed by the Research Triangle
     Institute to analyze complex sample design data like NHANES. SUDAAN
     uses strata and PSU codes to conduct analysis with two PSU per stratum
     design. Therefore, definition of pseudo strata and PSU provided in this
     data file should be used to compute complex sample variances in
     analyses. Other software available for estimation of complex sample
     variance may also be used. For further discussion of methods of
     variance estimation in NHANES III, see additional information on this
     subject in Weighting and Estimation Methodology (U.S. DHHS, 1996) and
     NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFQX6: Total NHANES III and phase-specific final interview weights

These sampling weights should be used only for items collected during
the household interviews. To compute final interview weights, final
basic weights were first adjusted for nonresponse to household
interview, then post-stratified to the unpublished Current Population
Survey 1990 (Phase 1) and 1993 (Phase 2) population control estimates of
the U.S. population adjusted for undercount. For details, see
Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III
Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPQRP1--WTPQRP52: Fay's BRR Replicate interview sample

To allow for alternative methods to estimate variance, 52 replicate
weights were computed using repeated sampling method where WESVAR or
other software that use repeated samples, can be used for estimating
variance. Fay's method (see Fay, 1990; Judkins, 1990) was used to draw
half samples and adjust sampling weights in each of the random half
samples. Sampling weights in one half sample were multiplied by the
factor k=1.7 and in the other half sample by k=0.3 using the Fay's
method. After this adjustment, sampling weights were further adjusted
for non-response and post-stratified using the same procedure as the
final full sample interview weights. These weights should be used only
for estimating variance of items from the household adult and youth
interviews. For details, see Weighting and Estimation Methodology
(U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines
(U.S. DHHS, 1996).

HAN1AS, HAN1BS, HAN1ES-HAN7CS, HAN8AS-HAN8FS: Frequency of consumption of
     alcohol item per month

Respondents were asked how often over the past month they had consumed
specified alcoholic beverages. The series of questions were
identical to the dietary food frequency questions administered to
youths 12 - 16 years in the mobile examination center (see NHANES III
Examination Data File). It is important to note that portion sizes
were not defined, and responses represent 'number or times' as determined
by the respondent. Thus, analysts should be aware of possible
extreme values. Values were reported as number of times consumed per
day, per week, per month, or never. All frequency of consumption
variables were standardized as 'times per month' using the conversion
factors 4.3 weeks/month and 30.4 days/month rounded to the nearest whole
number. If the frequency of consumption was reported as 'never,' the
value was recorded as zero.

Appendix 1

DMPFIPSR	State	DMPCNTYR	County
4	Arizona	13	Maricopa
6	California	1	Alameda
6	California	19	Fresno
6	California	37	Los Angeles
6	California	59	Orange
6	California	71	San Bernardino
6	California	73	San Diego
6	California	85	Santa Clara
6	California	111	Ventura
12	Florida	25	Dade
12	Florida	31	Duval
12	Florida	99	Palm Beach
17	Illinois	31	Cook
25	Massachusetts	17	Middlesex
26	Michigan	125	Oakland
26	Michigan	163	Wayne
29	Missouri	189	St Louis
36	New York	29	Erie
36	New York	47	Kings
36	New York	59	Nassau
36	New York	61	New York
36	New York	81	Queens
36	New York	119	Westchester
39	Ohio	35	Cuyahoga
39	Ohio	61	Hamilton
42	Pennsylvania	3	Allegheny
42	Pennsylvania	45	Delaware
42	Pennsylvania	101	Philadelphia
44	Rhode Island	7	Providence
48	Texas	29	Bexar
48	Texas	113	Dallas
48	Texas	141	El Paso
48	Texas	201	Harris
48	Texas	439	Tarrant
53	Washington	33	King