

Codebook for the Cross-National Equivalent File 1970-2009
BHPS – HILDA – KLIPS – PSID – RLMS-HSE – SHP – SLID – SOEP

BHPS Data File

Volume II

1991 - 2008

Prepared by:

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The Cross-National Equivalent File is a joint effort of researchers and staff affiliated with Cornell University, the German Institute for Economic Research (DIW Berlin), the University of Essex, the University of Melbourne, the Swiss Foundation for Research in the Social Sciences, the University of Lausanne, the Korea Labor Institute, Statistics Canada, Demoscope and the Higher School of Economics in Moscow, Russia and the University of North Carolina at Chapel Hill. Tom Rushmer was instrumental in preparing the manuscript.

**Variables in the BHPS - Cross-National Equivalent File
1991-2008 Survey Years**

Volume I

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*Area of residence is the Region/Metropolitan Area in the BHPS is available by special contract with the ESDS for the parent BHPS files.

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Comparable Variables BHPS

Variable Name I11101XX

Variable Label Household Pre-Government Income

Survey/Created S

Reliability 1

Unit of Observation H

Description This variable represents the combined income before taxes and government transfers of the head, partner, and other family members.

Method This variable is constructed by the BHPS staff. It sums labor and nonlabor incomes of all household members. Missing values are imputed. See the BHPS codebooks at www.data-archive.ac.uk for further details. This variable is in current year British pounds.

Format: .M = Item non-response
.S = Survey non-response
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
I11101XX = sum(I11103XX, I11104XX, I11106XX, I11117XX)
If I11101XX<0 and I11101XX ne . and WHID>0 then I11101XX=.m
If I11101XX<0 and I11101XX ne . and WHID<0 then I11101XX=.s
if I11101XX eq . and (wIVFIO in (1,2,3) or AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then I11101XX =.c;
if I11101XX eq . and (wIVFIO in (1,2,3) or AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then I11101XX =.m;
if I11101XX eq . and wIVFIO ne 1 and wIVFIO ne 2 and IVFIO ne 3 then I11101XX =.s;

variable	N	mean
I11101_1991	12650	18224
I11101_1992	12074	19025
I11101_1993	11628	19535
I11101_1994	11591	20248
I11101_1995	11343	21271
I11101_1996	11614	22222
I11101_1997	13567	22259
I11101_1998	13253	23119
I11101_1999	19406	22998
I11101_2000	19310	24247
I11101_2001	23594	25262
I11101_2002	20670	28041
I11101_2003	19837	28943
I11101_2004	19166	29749
I11101_2005	18717	31151
I11101_2006	18408	30836
I11101_2007	17757	32627
I11101_2008	17078	34105

Comparable Variables BHPS

Variable Name I11102XX

Variable Label Household Post-Government Income

Survey/Created C

Reliability 1

Unit of Observation H

Description This variable represents the combined income after taxes and government transfers of the head, partner, and other family members.

Method Household post-government income equals the sum of household pre-government income, household social security income, household annual public transfer income minus net household annual taxes. Household pre-government income consists of household annual gross labour income, household annual asset income, household private transfer income, household private retirement income. The above household income measures were constructed by Elena Bardasi, Stephen P. Jenkins, and John A. Rigg of the Institute for Social and Economic Research, University of Essex. See Bardasi et al. (1999) in the DOC folder for details on the construction of this variable. This variable is in current year British pounds. The variable is missing for 2007 and 2008 because household taxes numbers (I11109) are yet to be produced for that year.

Format: .M = Item non-response
.S = Survey non-response
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2006 algorithm: (XX=91-07, w=a-q)
If wIVFIO ne . then I11102XX = I11101XX+I11107XX+I11108XX-I11109XX (Bardasi et al, 1999)
If I11102XX eq . and wHID>0 then I11102XX=.m
If I11102XX eq . and wHID<0 then I11102XX=.s

variable	N	mean
I11102_1991	11634	14892
I11102_1992	11001	15977
I11102_1993	10475	16629
I11102_1994	10477	16934
I11102_1995	10128	17762
I11102_1996	10544	18709
I11102_1997	12716	18747
I11102_1998	12402	19660
I11102_1999	17420	19833
I11102_2000	17502	21046
I11102_2001	20613	22004
I11102_2002	17664	23938
I11102_2003	17416	25170
I11102_2004	16622	25983
I11102_2005	16522	27139
I11102_2006	16067	27506
I11102_2007	0	
I11102_2008	0	

Comparable Variables BHPS

Variable Name I11103XX

Variable Label Household Labor Income

Survey/Created S

Reliability 1

Unit of Observation H

Description This variable represents the combined labor income of the head, partner, and other family members.

Method Individual labor earnings are summed across all household members. Individual labor income, reported in the BHPS as wFIYRL (w=a-n), is coded by the BHPS staff. See the BHPS codebooks at www.data-archive.ac.uk for further details. This variable is in current year British pounds.

Format: .M = Item non-response
.S = Survey non-response
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)

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If wIVFIO>0 then I11103XX=wFIHHYL
If I11103XX<0 and wHID>0 then I11103XX=.m
If I11103XX<0 and wHID<0 then I11103XX=.s
if I11103XX eq . and (wIVFIO in (1,2,3) or AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in
(20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then I11103XX =.c;
if I11103XX eq . and (wIVFIO in (1,2,3) or AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne
(20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then I11103XX =.m;
if I11103XX eq . and wIVFIO ne 1 and wIVFIO ne 2 and IVFIO ne 3 then I11103XX =.s;

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variable	N	mean
I11103_1991	13840	15573
I11103_1992	13151	16118
I11103_1993	12588	16539
I11103_1994	12591	17236
I11103_1995	12286	17907
I11103_1996	12611	18697
I11103_1997	14960	18612
I11103_1998	14662	19261
I11103_1999	21384	19052
I11103_2000	21220	20311
I11103_2001	25937	21310
I11103_2002	22591	23994
I11103_2003	21795	24425
I11103_2004	21015	25198
I11103_2005	20570	26327
I11103_2006	20203	25853
I11103_2007	19537	27196
I11103_2008	18869	28399

Comparable Variables BHPS

Variable Name I11104XX

Variable Label Household Asset Income

Survey/Created S

Reliability 1

Unit of Observation H

Description This variable represents the combined asset income of the head, partner, and other family members.

Method This variable was constructed by the BHPS survey staff. Values are imputed. See the BHPS codebooks at www.data-archive.ac.uk for further details. This variable is in current year British pounds.

Format: .M = Item non-response
.S = Survey non-response
Individuals with survey non-responses omitted.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-n)

If wIVFIO>0 then I11104XX=wFIHHYI

If I11104XX<0 and wHID>0 then I11104XX=.m

If I11104XX<0 and wHID<0 then I11104XX=.s

if I11104XX eq . and (wIVFIO in (1,2,3) or AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then I11104XX =.c;

if I11104XX eq . and (wIVFIO in (1,2,3) or AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then I11104XX =.m;

if I11104XX eq . and wIVFIO ne 1 and wIVFIO ne 2 and IVFIO ne 3 then I11104XX =.s;

variable	N	mean
I11104_1991	13840	669.2
I11104_1992	13151	732.1
I11104_1993	12588	760.8
I11104_1994	12597	715.0
I11104_1995	12286	825.9
I11104_1996	12611	984.9
I11104_1997	14960	893.4
I11104_1998	14662	914.8
I11104_1999	21384	910.2
I11104_2000	21220	878.3
I11104_2001	25937	775.0
I11104_2002	22591	748.0
I11104_2003	21795	911.2
I11104_2004	21015	949.0
I11104_2005	20570	1069.6
I11104_2006	20203	1158.2
I11104_2007	19537	1259.3
I11104_2008	18869	1311.0

Comparable Variables BHPS

Variable Name I11106XX

Variable Label Household Private Transfers

Survey/Created S/C

Reliability 1

Unit of Observation H

Description This variable represents the combined private transfers of the head, partner, and other family members.

Method The household transfer income measure was constructed by Elena Bardasi, Stephen P. Jenkins, and John A. Rigg of the Institute for Social and Economic Research at the University of Essex. It includes educational grants, maintenance and alimony payments, foster allowances, payments from family members not living in the household and any other payments received by household members. For waves A and B they used the BHPS constructed variable (a,b)FIHHMT. See Bardasi et al. (1999) in the DOC folder for details on the construction of this variable. This variable is in current year British pounds.

Format: .M = Item non-response
.S = Survey non-response

Unweighted Statistics

1991-2007 algorithm (XX=91-07, w=a-q)
 If wIVFIO>0 and wFIHHYT>=0 then I11106XX=wFIHHYT (see Bardasi et al. 1999)
 If I11106XX=. and wHID>0 then I11106XX=.m
 If I11106XX=. and wHID<0 then I11106XX=.s

variable	N	mean
I11106_1991	13840	179.8
I11106_1992	13151	338.3
I11106_1993	12588	403.2
I11106_1994	12591	317.7
I11106_1995	12286	460.1
I11106_1996	12609	349.6
I11106_1997	14960	309.7
I11106_1998	14662	287.9
I11106_1999	21383	367.0
I11106_2000	21220	333.3
I11106_2001	25937	319.7
I11106_2002	22590	295.6
I11106_2003	21795	321.0
I11106_2004	21015	318.8
I11106_2005	20569	327.7
I11106_2006	20203	396.5
I11106_2007	19537	396.6
I11106_2008	18869	376.9

Comparable Variables BHPS

Variable Name I11107XX
Variable Label Household Public Transfers
Survey/Created S
Reliability 1
Unit of Observation H

Description This variable represents the combined public transfers of the head, partner, and other family members.

Method This variable was constructed by the BHPS survey staff. Values are imputed. See the BHPS codebooks at www.data-archive.ac.uk for further details. This variable is in current year British pounds.

Format: .M = Item non-response
.S = Survey non-response
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm (XX=91-07, w=a-q)
If wIVFIO>0 and wFIHHYB>=0 then I11107XX=wFIHHYB
If I11107XX=. and wHID>0 then I11107XX=.m
If I11107XX=. and wHID<0 then I11107XX=.s

variable	N	mean
I11107_1991	13840	2014.0
I11107_1992	13151	2294.0
I11107_1993	12588	2436.9
I11107_1994	12591	2538.6
I11107_1995	12286	2620.1
I11107_1996	12609	2700.2
I11107_1997	14960	2969.7
I11107_1998	14662	3069.7
I11107_1999	21383	3322.7
I11107_2000	21220	3522.6
I11107_2001	25937	4060.4
I11107_2002	22590	4059.5
I11107_2003	21795	4545.1
I11107_2004	21015	4810.4
I11107_2005	20569	4917.3
I11107_2006	20203	5414.9
I11107_2007	19537	5512.0
I11107_2008	18869	5769.0

Comparable Variables BHPS

Variable Name I11108XX

Variable Label Household Social Security Pensions

Survey/Created C

Reliability 1

Unit of Observation H

Description This variable represents the combined pensions from public sources of all household members.

Method Add monthly income reports across twelve months. Allocate income by type. Public pensions include National Insurance retirement pensions, widow or war widows pension, widowed mother's allowance, invalidity pensions.

This variable is in current year British pounds.

Format: .M = Item non-response
.S = Survey non-response
The original survey variables provided below can be found in the WINCOME files.
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-n)
First add incomes across 12 months:
WINCOME=sum(of wFIM09L wFIM10L wFIM11L wFIM12L wFIM01T wFIM02T wFIM03T
wFIM04T wFIM05T wFIM06T wFIM07T wFIM08T);
Allocate income by type of income received for each individual:
if wFICODE in (1) then wISOCSC=wINCOME;
Then:
If wIVFIO>0 then I11108XX=sum wISOCSC across all household members.
If I11108XX<0 then I11108XX=0
If I11108XX=. and wHID>0 then I11108XX=.m
If I11108XX=. and wHID<0 then I11108XX=.s

variable	N	mean
I11108_1991	13840	543.4
I11108_1992	13151	576.3
I11108_1993	13104	564.4
I11108_1994	12851	599.3
I11108_1995	12549	623.9
I11108_1996	12720	693.6
I11108_1997	15042	777.5
I11108_1998	14835	821.6
I11108_1999	21566	850.8
I11108_2000	21602	889.2
I11108_2001	26586	923.7
I11108_2002	23435	954.6
I11108_2003	22574	1040.2
I11108_2004	22127	1086.3
I11108_2005	21730	1158.5
I11108_2006	21389	1245.5
I11108_2007	20715	1314.0
I11108_2008	20177	1433.2

Comparable Variables BHPS

Variable Name I11109XX

Variable Label Total Household Taxes

Survey/Created C

Reliability 1

Unit of Observation H

Description This variable consists of the net taxes and deductions for all household members. It consists of income taxes plus national insurance contributions plus pension contributions of all household members.

Method The household tax measure was constructed by Elena Bardasi, Stephen P. Jenkins, and John A. Rigg of the Institute for Social and Economic Research at the University of Essex. See Bardasi et al. (1999) in the DOC folder for details on the construction of this variable. This variable is in current year British pounds. Household taxes numbers are yet to be produced for 2007 and 2008.

Format: .M = Item non-response
.S = Survey on-response
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2006 algorithm: (XX=91-06, w=a-p)
 If wIVFIO>0 then I11109XX=wYRDEDUC (see Bardasi et al. 1999)
 If I11109XX=. and wHID>0 then I11109XX=.m
 If I11109XX=. and wHID<0 then I11109XX=.s

variable	N	mean
I11109_1991	11634	3694.0
I11109_1992	11001	3811.1
I11109_1993	10475	3833.7
I11109_1994	10477	4063.5
I11109_1995	10128	4471.6
I11109_1996	10544	4684.8
I11109_1997	12716	4406.1
I11109_1998	12402	4512.9
I11109_1999	17420	4414.1
I11109_2000	17502	4602.9
I11109_2001	20613	4809.6
I11109_2002	17664	5385.2
I11109_2003	17416	5599.2
I11109_2004	16622	6010.0
I11109_2005	16522	6356.6
I11109_2006	16067	6227.7
I11109_2007	0	.
I11109_2008	0	.

Comparable Variables BHPS

Variable Name I11110XX

Variable Label Individual Labor Earnings

Survey/Created C

Reliability 1

Unit of Observation I

Description This variable measures the labor earnings of each individual in the household.

Method This variable was constructed by the BHPS survey staff. Values are imputed. See the BHPS codebooks at www.data-archive.ac.uk for further details. This variable is in current year British pounds.

Format: .M = Item non-response
.S = Survey non-response
The original survey variables provided below can be found in the WINDRESP files.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)

```

If wFIYRL>=0 then I11110XX=wFIYRL
If I11110XX<0 and wIVFIO>0 then I11110XX =.m
If I11110XX <0 and wIVFIO<0 then I11110XX =.s
if I11110XX eq . and (wIVFIO in (1,2,3) or AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in
(20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then I11110XX =.c;
if I11110XX eq . and (wIVFIO in (1,2,3) or AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne
(20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then I11110XX =.m;
if I11110XX eq . and wIVFIO ne 1 and wIVFIO ne 2 and IVFIO ne 3 then I11110XX =.s;

```

variable	N	mean
I11110_1991	9912	6459.8
I11110_1992	9459	6784.9
I11110_1993	9024	6936.2
I11110_1994	9060	7203.3
I11110_1995	8827	7567.8
I11110_1996	9124	7939.1
I11110_1997	10821	7863.8
I11110_1998	10548	8150.7
I11110_1999	15187	8081.7
I11110_2000	15081	8596.2
I11110_2001	18066	8939.4
I11110_2002	15708	9891.1
I11110_2003	15347	10196.0
I11110_2004	14777	10498.0
I11110_2005	14629	10952.0
I11110_2006	14283	10831.0
I11110_2007	13693	11382.0
I11110_2008	13263	11792.0

Comparable Variables BHPS

Variable Name I11112XX
Variable Label Household Social Security Taxes
Survey/Created C
Reliability 1
Unit of Observation H

Description This variable includes the social security (payroll) taxes of the head and partner.

Method The household social security tax measure is the national insurance contributions in a given year of all household members. This variable is in current year British pounds. This variable is not yet available for 2007 and 2008.

Format: .M = Item non-response
.S = Survey on-response
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2006 algorithm: (XX=91-07, w=a-q)
If wIVFIO>0 then I11112XX=wYRNI+wYRCONTR
If wYRNI=. and wHID>0 then I11112XX=.m
If wYRNI=. and wHID<0 then I11112XX=.s

variable	N	mean
I11112_1991	11634	1179.1
I11112_1992	11001	1251.8
I11112_1993	10475	1276.8
I11112_1994	10477	1351.8
I11112_1995	10128	1510.9
I11112_1996	10544	1607.6
I11112_1997	12716	1546.0
I11112_1998	12402	1622.9
I11112_1999	17420	1555.7
I11112_2000	17502	1644.3
I11112_2001	20613	1704.6
I11112_2002	17664	1857.6
I11112_2003	17416	1988.9
I11112_2004	16622	2187.6
I11112_2005	16522	2252.2
I11112_2006	16067	2238.0
I11112_2007	0	.
I11112_2008	0	.

Comparable Variables BHPS
Variable Name I11117XX
Variable Label Household Private Retirement Income
Survey/Created C
Reliability 1
Unit of Observation H
Description This measure equals total pensions minus public pensions
Method This variable is measured in current British pounds
Format: .M = Item non-response
 .S = Survey on-response

Unweighted Statistics

1991-2007 Algorithm: (XX=91-07, w=a-q)
 I11117XX=wFIHHYP-I11108XX
 If I11117XX =. and wHID>0 then I11117XX =.m
 If I11117XX =. and wHID<0 then I11117XX =.s

variable	N	mean
I11117_1991	13840	43.3
I11117_1992	13151	79.5
I11117_1993	12588	146.5
I11117_1994	12591	153.5
I11117_1995	12286	230.5
I11117_1996	12609	193.4
I11117_1997	14960	75.3
I11117_1998	14662	101.6
I11117_1999	21383	212.5
I11117_2000	21220	212.3
I11117_2001	25937	218.6
I11117_2002	22590	272.9
I11117_2003	21795	299.8
I11117_2004	21015	262.2
I11117_2005	20569	201.7
I11117_2006	20203	254.9
I11117_2007	19537	351.8
I11117_2008	18869	287.7

Comparable Variables BHPS

Variable Name I11118XX
Variable Label Household Windfall Income
Survey/Created S/C
Reliability 1
Unit of Observation H

Description This variable indicates the amount of money received in the form of lump sum payments in the previous year from sources such as insurance settlements, lump sum pension payout, personal accident claim, redundancy payment, inheritances, lottery winnings, or lump sum income from some other source.

Method Sum windfall income of all household members. This variable is in current year British pounds.

Format: .M = Item non-response
.S = Survey non-response
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

Algorithm 1995, 1997-2007: (XX=95, 97-07, X=e, g-q)

```
*Create Windfall Income variable for each individual;  
  if Xwindfay>=0 then iwindf1XX=Xwindfay; else iwindf101=.;  
  if Xwindfby>=0 then iwindf1XX=sum(iwindf101,Xwindfby);  
  if Xwindfcy>=0 then iwindf1XX=sum(iwindf101,Xwindfcy);  
  if Xwindfdy>=0 then iwindf1XX=sum(iwindf101,Xwindfdy);  
  if Xwindffy>=0 then iwindf1XX=sum(iwindf101,Xwindffy);  
  if Xwindfgy>=0 then iwindf1XX=sum(iwindf101,Xwindfgy);  
  if Xwindfhy>=0 then iwindf1XX=sum(iwindf101,Xwindfhy);  
  if Xwindfhy>=0 then iwindf1XX=sum(iwindf101,Xwindfhy);  
Then I11118XX=sum of Xwindfhy across all members of a household.  
If I1118XX eq. and wIVFIO ne . then I1118XX=0  
if I11118XX eq . and wIVFIO eq . then I11118XX =.s;
```

variable	N	mean
I11118_1991	13840	0
I11118_1992	13151	0
I11118_1993	13104	0
I11118_1994	12851	0
I11118_1995	12549	1743.5
I11118_1996	12720	0
I11118_1997	15042	1453.8
I11118_1998	14835	1634.9
I11118_1999	21566	1550.4
I11118_2000	21602	1802.8
I11118_2001	26586	1753.7
I11118_2002	23435	1623.7
I11118_2003	22574	2008.8
I11118_2004	22127	1830.7
I11118_2005	21730	2039.4
I11118_2006	21389	1861.8
I11118_2007	20715	2113.2
I11118_2008	20177	1953.8

Comparable Variables BHPS
Variable Name I11201XX
Variable Label Impute Household Pre-Government Income
Survey/Created S
Reliability 1
Unit of Observation H
Description This variable indicates whether income of one or more household members of any type was imputed
Method Missing values are imputed by the BHPS survey staff using the "hotdeck" method. See the BHPS codebooks at www.data-archive.ac.uk for further details.
Format: .M = Item non-response
.S = Survey non-response
1 = Imputed
0 = Not imputed
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
If wFIHHYRI>0 then I11201XX=1
If wFIHHYRI=0 then I11201XX=0
If I11201XX<0 then I11201XX=.m

variable	N	mean
I11201_1991	13840	.47
I11201_1992	13151	.47
I11201_1993	13104	.46
I11201_1994	12851	.45
I11201_1995	12546	.45
I11201_1996	12714	.45
I11201_1997	15034	.45
I11201_1998	14818	.42
I11201_1999	21538	.59
I11201_2000	21600	.58
I11201_2001	26577	.49
I11201_2002	23431	.51
I11201_2003	22571	.51
I11201_2004	22124	.52
I11201_2005	21724	.53
I11201_2006	21386	.46
I11201_2007	20712	.60
I11201_2008	20177	.69

Comparable Variables BHPS

Variable Name I11202XX

Variable Label Impute Household Post-Government Income

Survey/Created C

Reliability 1

Unit of Observation H

Description This variable indicates whether income of one or more household members of any type was imputed

Method Missing values are imputed by the BHPS survey staff using the "hotdeck" method. See Bardasi et al. (1999) in the DOC folder for details on the construction of this variable. See the BHPS codebooks at www.data-archive.ac.uk for further details on hotdeck imputation.

Format: .M = Item non-response
.S = Survey non-response
1 = Imputed
0 = Not imputed
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
If wFIHHYRI>0 then I11202XX=1
If wFIHHYRI=0 then I11202XX=0
If I11202XX<0 then I11202XX=.m

variable	N	mean
I11202_1991	13840	.47
I11202_1992	13151	.47
I11202_1993	13104	.46
I11202_1994	12851	.45
I11202_1995	12546	.45
I11202_1996	12714	.45
I11202_1997	15034	.45
I11202_1998	14818	.42
I11202_1999	21538	.59
I11202_2000	21600	.58
I11202_2001	26577	.49
I11202_2002	23431	.51
I11202_2003	22571	.51
I11202_2004	22124	.52
I11202_2005	21724	.53
I11202_2006	21386	.46
I11202_2007	20712	.60
I11202_2008	20177	.69

Comparable Variables BHPS

Variable Name I11203XX

Variable Label Impute Household Labor Income

Survey/Created S

Reliability 1

Unit of Observation H

Description This variable indicates whether labor income of one or more household members was imputed

Method Missing values are imputed by the BHPS survey staff using the "hotdeck" method. See Bardasi et al. (1999) in the DOC folder for details on the construction of this variable. See the BHPS codebooks at www.data-archive.ac.uk for further details on hotdeck imputation.

Format: .M = Item non-response
.S = Survey non-response
1 = Imputed
0 = Not imputed

This algorithm omits individuals with survey non-responses. The variables below can be found in the WHHRESP files.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
if wFIHHYLI>0 then I11203XX=1
if wFIHHYLI=0 then I11203XX=0
if wFIHHYLI<0 then I11203XX=.m

variable	N	mean
I11203_1991	13840	.36
I11203_1992	13151	.35
I11203_1993	13104	.35
I11203_1994	12851	.33
I11203_1995	12546	.32
I11203_1996	12714	.31
I11203_1997	15034	.31
I11203_1998	14818	.30
I11203_1999	21538	.36
I11203_2000	21600	.34
I11203_2001	26577	.37
I11203_2002	23431	.40
I11203_2003	22571	.38
I11203_2004	22124	.39
I11203_2005	21724	.39
I11203_2006	21386	.43
I11203_2007	20712	.46
I11203_2008	20177	.61

Comparable Variables BHPS

Variable Name I11204XX

Variable Label Impute Household Asset Income

Survey/Created S/C

Reliability 1

Unit of Observation H

Description This variable indicates whether income of one or more household members of any type was imputed

Method Missing values are imputed by the BHPS survey staff using the "hotdeck" method. See Bardasi et al. (1999) in the DOC folder for details on the construction of this variable. See the BHPS codebooks at www.data-archive.ac.uk for further details on hotdeck imputation.

Format: .M = Item non-response
.S = Survey non-response
1 = Imputed
0 = Not imputed
This algorithm omits individuals with survey non-responses. The variables below can be found in the WHHRESP files.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
If wFIHHYII>0 then I11204XX=1
Else If wFIHHYII=0 then I11204XX=0
If wFIHHYII<0 then I11204XX=.m

variable	N	mean
I11204_1991	13840	.23
I11204_1992	13151	.23
I11204_1993	13104	.24
I11204_1994	12851	.23
I11204_1995	12546	.24
I11204_1996	12714	.23
I11204_1997	15034	.21
I11204_1998	14818	.21
I11204_1999	21538	.37
I11204_2000	21600	.39
I11204_2001	26577	.26
I11204_2002	23431	.29
I11204_2003	22571	.28
I11204_2004	22124	.29
I11204_2005	21724	.28
I11204_2006	21386	.29
I11204_2007	20712	.30
I11204_2008	20177	.31

Comparable Variables BHPS
Variable Name I11206XX
Variable Label Impute Household Private Transfers
Survey/Created S/C
Reliability 1
Unit of Observation H
Description This variable indicates whether income of one or more household members of any type was imputed
Method Missing values are imputed by the BHPS survey staff using the "hotdeck" method. See the BHPS codebooks at www.data-archive.ac.uk for further details on hotdeck imputation.
Format: .M = Item non-response
.S = Survey non-response
1 = Imputed
0 = Not imputed
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
If wFIHHYTI>0 then I11206XX=1
Else If wFIHHYTI=0 then I11206XX=0
If wFIHHYTI<0 then I11206XX=.m

variable	N	mean
I11206_1991	13840	.17
I11206_1992	13151	.17
I11206_1993	13104	.17
I11206_1994	12851	.17
I11206_1995	12546	.18
I11206_1996	12716	.18
I11206_1997	15034	.16
I11206_1998	14818	.17
I11206_1999	21540	.20
I11206_2000	21600	.20
I11206_2001	26579	.23
I11206_2002	23433	.26
I11206_2003	22574	.24
I11206_2004	22127	.26
I11206_2005	21724	.25
I11206_2006	21386	.25
I11206_2007	20712	.26
I11206_2008	20177	.28

Comparable Variables BHPS
Variable Name I11207XX
Variable Label Impute Household Public Transfers
Survey/Created S/C
Reliability 1
Unit of Observation H
Description This variable indicates whether income of one or more household members of any type was imputed
Method Missing values are imputed by the BHPS survey staff using the "hotdeck" method. See Bardasi et al. (1999) in the DOC folder for details on the construction of this variable. See the BHPS codebooks at www.data-archive.ac.uk for further details on hotdeck imputation.
Format: .M = Item non-response
.S = Survey non-response
1 = Imputed
0 = Not imputed
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
If wFIHHYBI>0 then I11207XX=1 (see Bardasi et al., 1999)
Else If wFIHHYBI=0 then I11207XX=0
If wFIHHYBI<1 then I11207XX=.m

variable	N	mean
I11207_1991	13840	.26
I11207_1992	13151	.27
I11207_1993	13104	.26
I11207_1994	12851	.27
I11207_1995	12546	.28
I11207_1996	12714	.28
I11207_1997	15034	.27
I11207_1998	14818	.27
I11207_1999	21538	.34
I11207_2000	21600	.33
I11207_2001	26577	.33
I11207_2002	23431	.37
I11207_2003	22571	.37
I11207_2004	22124	.39
I11207_2005	21724	.39
I11207_2006	21386	.26
I11207_2007	20712	.43
I11207_2008	20177	.43

Comparable Variables BHPS

Variable Name I11208XX

Variable Label Impute Household Social Security Pensions

Survey/Created C

Reliability 1

Unit of Observation H

Description This variable indicates whether income of one or more household members of any type was imputed.

Method No values were imputed for this variable

Format: .M = Item non-response
.S = Survey non-response
0 = Not imputed
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007: algorithm (XX=91-04, w=a-n)
I11208XX=0

variable	N	mean
I11208_1991	13840	0
I11208_1992	13151	0
I11208_1993	13104	0
I11208_1994	12851	0
I11208_1995	12549	0
I11208_1996	12720	0
I11208_1997	15042	0
I11208_1998	14835	0
I11208_1999	21566	0
I11208_2000	21602	0
I11208_2001	26586	0
I11208_2002	23435	0
I11208_2003	22574	0
I11208_2004	22127	0
I11208_2005	21730	0
I11208_2006	21389	0
I11208_2007	20715	0
I11208_2008	20177	0

Comparable Variables BHPS

Variable Name I11210XX

Variable Label Impute Individual Labor Earnings

Survey/Created C

Reliability 1

Unit of Observation H

Description This variable indicates whether labor income of one or more household members of any type was imputed

Method Missing values are imputed by the BHPS survey staff using the "hotdeck" method. See the BHPS codebooks at www.data-archive.ac.uk for further details on hotdeck imputation.

Format: .M = Item non-response
.S = Survey non-response
1 = Imputed
2 = Not imputed
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
If wFIYRLI>=0 then I11210XX=FIYRLI (see Bardasi et al., 1999)
Else If wFIYRLI <0 and I11110XX>=0 then I11210XX=0
If wFIYRLI=. and I11110XX<0 then I11210XX=.m

variable	N	mean
I11210_1991	10264	.13
I11210_1992	9845	.12
I11210_1993	9600	.11
I11210_1994	9481	.10
I11210_1995	9249	.09
I11210_1996	9438	.09
I11210_1997	11193	.10
I11210_1998	10906	.08
I11210_1999	15623	.12
I11210_2000	15603	.10
I11210_2001	18867	.10
I11210_2002	16597	.11
I11210_2003	16238	.10
I11210_2004	15791	.09
I11210_2005	15617	.11
I11210_2006	15392	.12
I11210_2007	14873	.14
I11210_2008	14419	.32

Comparable Variables BHPS
Variable Name I11217XX
Variable Label Impute Household Private Retirement Income
Survey/Created C
Reliability 1
Unit of Observation H
Description This variable indicates whether private retirement income of one or more household members of was imputed
Method Missing values are imputed by the BHPS survey staff using the "hotdeck" method. See the BHPS codebooks at www.data-archive.ac.uk for further details on hotdeck imputation.
Format: .M = Item non-response
.S = Survey non-response
1 = Imputed
0 = Not imputed
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
If wFIHHYPI=0 then I11217XX=0
If wFIHHYPI>0 then I11217XX=1
If wFIHHYPI<0 then I11217XX=.m

variable	N	mean
I11217_1991	13840	.17
I11217_1992	13151	.18
I11217_1993	13104	.17
I11217_1994	12851	.18
I11217_1995	12546	.18
I11217_1996	12714	.18
I11217_1997	15034	.16
I11217_1998	14818	.17
I11217_1999	21538	.21
I11217_2000	21600	.20
I11217_2001	26577	.24
I11217_2002	23433	.27
I11217_2003	22571	.25
I11217_2004	22124	.27
I11217_2005	21724	.26
I11217_2006	21386	.25
I11217_2007	20712	.28
I11217_2008	20177	.30

Comparable Variables	BHPS
Variable Name	L11101XX
Variable Label	Local Authority District of Residence
Survey/Created	S
Reliability	1
Unit of Observation	H
Description	This variable identifies represents the household's local authority district of residence in the survey year. It is no longer provided on the public use files of the BHPS-CNEF. Check with the BHPS staff for special access procedures.
Method	N/A

Comparable Variables BHPS
Variable Name L11102XX
Variable Label Region/Metropolitan Area of Residence
Survey/Created S
Reliability 1
Unit of Observation H
Description This variable is provided by the BHPS and represents the household's region or metropolitan area of residence in the survey year. Original variable can be found in WHHSAMP files.
Method N/A
Format: .M = Item non-response
.S = Survey non-response
The original variable below can be found in the WHHSAMP files.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
If wREGION>0 then L11102XX=wREGION
If wREGION<0 and wHID>0 then L11102XX=.m
If wREGION<0 and wHID<0 then L11102XX=.s

L11102_1991				
Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	562	4.06	4.06
Outer London	2	890	6.43	10.49
Rest of South East	3	2,574	18.60	29.09
South West	4	1,229	8.88	37.97
East Anglia	5	529	3.82	41.79
East Midlands	6	1,053	7.61	49.40
West Midlands Conurb	7	634	4.58	53.98
Rest of West Midlands	8	693	5.01	58.99
Greater Manchester	9	563	4.07	63.06
Merseyside	10	341	2.46	65.52
Rest of North West	11	599	4.33	69.85
South Yorkshire	12	375	2.71	72.56
West Yorkshire	13	523	3.78	76.34
Rest of Yorkshire and Humber	14	431	3.11	79.45
Tyne and Wear	15	331	2.39	81.84
Rest of North	16	551	3.98	85.82
Wales	17	701	5.07	90.89
Scotland	18	1,261	9.11	100.00
Total		13,840	100.00	

L11102_1992

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	514	3.91	3.91
Outer London	2	821	6.24	10.15
Rest of South East	3	2,436	18.52	28.67
South West	4	1,207	9.18	37.85
East Anglia	5	518	3.94	41.79
East Midlands	6	1,067	8.11	49.90
West Midlands Conurb	7	541	4.11	54.02
Rest of West Midlands	8	639	4.86	58.88
Greater Manchester	9	527	4.01	62.88
Merseyside	10	301	2.29	65.17
Rest of North West	11	590	4.49	69.66
South Yorkshire	12	346	2.63	72.29
West Yorkshire	13	495	3.76	76.06
Rest of Yorkshire and Humber	14	409	3.11	79.17
Tyne and Wear	15	311	2.36	81.53
Rest of North	16	533	4.05	85.58
Wales	17	664	5.05	90.63
Scotland	18	1,230	9.35	99.98
.m		2	0.02	100.00
Total		13,151	100.00	

L11102_1993

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	516	3.94	3.94
Outer London	2	830	6.33	10.27
Rest of South East	3	2,428	18.53	28.80
South West	4	1,200	9.16	37.96
East Anglia	5	526	4.01	41.97
East Midlands	6	1,066	8.13	50.11
West Midlands Conurb	7	535	4.08	54.19
Rest of West Midlands	8	664	5.07	59.26
Greater Manchester	9	498	3.80	63.06
Merseyside	10	297	2.27	65.32
Rest of North West	11	616	4.70	70.02
South Yorkshire	12	343	2.62	72.64
West Yorkshire	13	476	3.63	76.27
Rest of Yorkshire and Humber	14	435	3.32	79.59
Tyne and Wear	15	313	2.39	81.98
Rest of North	16	511	3.90	85.88
Wales	17	658	5.02	90.90
Scotland	18	1,192	9.10	100.00
Total		13,104	100.00	

L11102_1994

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	477	3.71	3.71
Outer London	2	802	6.24	9.95
Rest of South East	3	2,420	18.83	28.78
South West	4	1,164	9.06	37.84
East Anglia	5	520	4.05	41.89
East Midlands	6	1,069	8.32	50.21
West Midlands Conurb	7	509	3.96	54.17
Rest of West Midlands	8	642	5.00	59.16
Greater Manchester	9	488	3.80	62.96
Merseyside	10	282	2.19	65.15
Rest of North West	11	582	4.53	69.68
South Yorkshire	12	348	2.71	72.39
West Yorkshire	13	465	3.62	76.01
Rest of Yorkshire and Humber	14	422	3.28	79.29
Tyne and Wear	15	300	2.33	81.63
Rest of North	16	504	3.92	85.55
Wales	17	680	5.29	90.84
Scotland	18	1,177	9.16	100.00
Total		12,851	100.00	

L11102_1995

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	431	3.43	3.43
Outer London	2	744	5.93	9.36
Rest of South East	3	2,386	19.01	28.38
South West	4	1,136	9.05	37.43
East Anglia	5	529	4.22	41.64
East Midlands	6	1,067	8.50	50.15
West Midlands Conurb	7	478	3.81	53.96
Rest of West Midlands	8	648	5.16	59.12
Greater Manchester	9	486	3.87	62.99
Merseyside	10	282	2.25	65.24
Rest of North West	11	574	4.57	69.81
South Yorkshire	12	348	2.77	72.59
West Yorkshire	13	436	3.47	76.06
Rest of Yorkshire and Humber	14	412	3.28	79.34
Tyne and Wear	15	295	2.35	81.70
Rest of North	16	480	3.83	85.52
Wales	17	667	5.32	90.84
Scotland	18	1,150	9.16	100.00
Total		12,549	100.00	

L11102_1996

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	440	3.46	3.46
Outer London	2	754	5.93	9.39
Rest of South East	3	2,447	19.24	28.62
South West	4	1,181	9.28	37.91
East Anglia	5	541	4.25	42.16
East Midlands	6	1,082	8.51	50.67
West Midlands Conurb	7	477	3.75	54.42
Rest of West Midlands	8	664	5.22	59.64
Greater Manchester	9	478	3.76	63.40
Merseyside	10	301	2.37	65.76
Rest of North West	11	585	4.60	70.36
South Yorkshire	12	345	2.71	73.07
West Yorkshire	13	432	3.40	76.47
Rest of Yorkshire and Humber	14	435	3.42	79.89
Tyne and Wear	15	285	2.24	82.13
Rest of North	16	483	3.80	85.93
Wales	17	664	5.22	91.15
Scotland	18	1,120	8.81	99.95
.m		6	0.05	100.00
Total		12,720	100.00	

L11102_1997

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	468	3.11	3.11
Outer London	2	844	5.61	8.72
Rest of South East	3	2,709	18.01	26.73
South West	4	1,298	8.63	35.36
East Anglia	5	595	3.96	39.32
East Midlands	6	1,324	8.80	48.12
West Midlands Conurb	7	611	4.06	52.18
Rest of West Midlands	8	785	5.22	57.40
Greater Manchester	9	569	3.78	61.18
Merseyside	10	305	2.03	63.21
Rest of North West	11	668	4.44	67.65
South Yorkshire	12	365	2.43	70.08
West Yorkshire	13	519	3.45	73.53
Rest of Yorkshire and Humber	14	503	3.34	76.87
Tyne and Wear	15	330	2.19	79.07
Rest of North	16	597	3.97	83.03
Wales	17	781	5.19	88.23
Scotland	18	1,375	9.14	97.37
Northern Ireland	19	339	2.25	99.62
.m		55	0.37	99.99
.s		2	0.01	100.00
Total		15,042	100.00	

L11102_1998

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	449	3.03	3.03
Outer London	2	846	5.70	8.73
Rest of South East	3	2,618	17.65	26.38
South West	4	1,306	8.80	35.18
East Anglia	5	619	4.17	39.35
East Midlands	6	1,305	8.80	48.15
West Midlands Conurb	7	569	3.84	51.99
Rest of West Midlands	8	809	5.45	57.44
Greater Manchester	9	575	3.88	61.31
Merseyside	10	306	2.06	63.38
Rest of North West	11	679	4.58	67.95
South Yorkshire	12	352	2.37	70.33
West Yorkshire	13	517	3.49	73.81
Rest of Yorkshire and Humber	14	492	3.32	77.13
Tyne and Wear	15	323	2.18	79.31
Rest of North	16	580	3.91	83.22
Wales	17	800	5.39	88.61
Scotland	18	1,306	8.80	97.41
Northern Ireland	19	297	2.00	99.41
.m		85	0.57	99.99
.s		2	0.01	100.00
Total		14,835	100.00	

L11102_1999

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	438	2.03	2.03
Outer London	2	832	3.86	5.89
Rest of South East	3	2,591	12.01	17.90
South West	4	1,299	6.02	23.93
East Anglia	5	598	2.77	26.70
East Midlands	6	1,288	5.97	32.67
West Midlands Conurb	7	547	2.54	35.21
Rest of West Midlands	8	805	3.73	38.94
Greater Manchester	9	574	2.66	41.60
Merseyside	10	298	1.38	42.98
Rest of North West	11	659	3.06	46.04
South Yorkshire	12	361	1.67	47.71
West Yorkshire	13	521	2.42	50.13
Rest of Yorkshire and Humber	14	519	2.41	52.54
Tyne and Wear	15	317	1.47	54.01
Rest of North	16	558	2.59	56.59
Wales	17	4,364	20.24	76.83
Scotland	18	4,711	21.84	98.67
Northern Ireland	19	273	1.27	99.94
.m		11	0.05	99.99
.s		2	0.01	100.00
Total		21,566	100.00	

L11102_2000

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	422	1.95	1.95
Outer London	2	810	3.75	5.70
Rest of South East	3	2,615	12.11	17.81
South West	4	1,297	6.00	23.81
East Anglia	5	596	2.76	26.57
East Midlands	6	1,264	5.85	32.42
West Midlands Conurb	7	548	2.54	34.96
Rest of West Midlands	8	793	3.67	38.63
Greater Manchester	9	568	2.63	41.26
Merseyside	10	305	1.41	42.67
Rest of North West	11	675	3.12	45.80
South Yorkshire	12	348	1.61	47.41
West Yorkshire	13	520	2.41	49.81
Rest of Yorkshire and Humber	14	483	2.24	52.05
Tyne and Wear	15	322	1.49	53.54
Rest of North	16	574	2.66	56.20
Wales	17	4,282	19.82	76.02
Scotland	18	4,839	22.40	98.42
Northern Ireland	19	236	1.09	99.51
.m		103	0.48	99.99
.s		2	0.01	100.00
Total		21,602	100.00	

L11102_2001

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	407	1.53	1.53
Outer London	2	811	3.05	4.58
Rest of South East	3	2,629	9.89	14.47
South West	4	1,294	4.87	19.34
East Anglia	5	603	2.27	21.61
East Midlands	6	1,227	4.62	26.22
West Midlands Conurb	7	555	2.09	28.31
Rest of West Midlands	8	793	2.98	31.29
Greater Manchester	9	554	2.08	33.37
Merseyside	10	301	1.13	34.51
Rest of North West	11	653	2.46	36.96
South Yorkshire	12	365	1.37	38.34
West Yorkshire	13	493	1.85	40.19
Rest of Yorkshire and Humber	14	497	1.87	42.06
Tyne and Wear	15	321	1.21	43.27
Rest of North	16	558	2.10	45.37
Wales	17	4,192	15.77	61.13
Scotland	18	4,722	17.76	78.89
Northern Ireland	19	5,403	20.32	99.22
.m		206	0.77	99.99
.s		2	0.01	100.00
Total		26,586	100.00	

L11102_2002

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	346	1.48	1.48
Outer London	2	734	3.13	4.61
Rest of South East	3	2,317	9.89	14.50
South West	4	1,107	4.72	19.22
East Anglia	5	522	2.23	21.45
East Midlands	6	1,049	4.48	25.92
West Midlands Conurb	7	419	1.79	27.71
Rest of West Midlands	8	662	2.82	30.54
Greater Manchester	9	444	1.89	32.43
Merseyside	10	285	1.22	33.65
Rest of North West	11	598	2.55	36.20
South Yorkshire	12	319	1.36	37.56
West Yorkshire	13	396	1.69	39.25
Rest of Yorkshire and Humber	14	436	1.86	41.11
Tyne and Wear	15	257	1.10	42.21
Rest of North	16	486	2.07	44.28
Wales	17	3,936	16.80	61.08
Scotland	18	4,224	18.02	79.10
Northern Ireland	19	4,589	19.58	98.68
.m		307	1.31	99.99
.s		2	0.01	100.00
Total		23,435	100.00	

L11102_2003

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	302	1.34	1.34
Outer London	2	719	3.19	4.52
Rest of South East	3	2,239	9.92	14.44
South West	4	1,086	4.81	19.25
East Anglia	5	517	2.29	21.54
East Midlands	6	992	4.39	25.94
West Midlands Conurb	7	407	1.80	27.74
Rest of West Midlands	8	631	2.80	30.54
Greater Manchester	9	441	1.95	32.49
Merseyside	10	289	1.28	33.77
Rest of North West	11	576	2.55	36.32
South Yorkshire	12	351	1.55	37.88
West Yorkshire	13	381	1.69	39.56
Rest of Yorkshire and Humber	14	400	1.77	41.34
Tyne and Wear	15	244	1.08	42.42
Rest of North	16	485	2.15	44.56
Wales	17	3,845	17.03	61.60
Scotland	18	4,066	18.01	79.61
Northern Ireland	19	4,210	18.65	98.26
.m		390	1.73	99.99
.s		3	0.01	100.00
Total		22,574	100.00	

L11102_2004

Region/Metropolitan Area of Residence	Freq.	Percent	Cum.
Inner London	337	1.52	1.52
Outer London	670	3.03	4.55
Rest of South East	2,238	10.11	14.67
South West	1,064	4.81	19.47
East Anglia	527	2.38	21.86
East Midlands	995	4.50	26.35
West Midlands Conurb	403	1.82	28.17
Rest of West Midlands	623	2.82	30.99
Greater Manchester	452	2.04	33.03
Merseyside	280	1.27	34.30
Rest of North West	556	2.51	36.81
South Yorkshire	332	1.50	38.31
West Yorkshire	362	1.64	39.95
Rest of Yorkshire and Humber	404	1.83	41.77
Tyne and Wear	230	1.04	42.81
Rest of North	487	2.20	45.01
Wales	3,793	17.14	62.15
Scotland	3,953	17.87	80.02
Northern Ireland	3,939	17.80	97.82
.m	479	2.16	99.99
.s	3	0.01	100.00
Total	22,127	100.00	

L11102_2005

Region/Metropolitan Area of Residence	Freq.	Percent	Cum.
Inner London	304	1.40	1.40
Outer London	646	2.97	4.37
Rest of South East	2,277	10.48	14.85
South West	1,143	5.26	20.11
East Anglia	575	2.65	22.76
East Midlands	1,051	4.84	27.59
West Midlands Conurb	409	1.88	29.48
Rest of West Midlands	665	3.06	32.54
Greater Manchester	449	2.07	34.60
Merseyside	283	1.30	35.90
Rest of North West	552	2.54	38.44
South Yorkshire	343	1.58	40.02
West Yorkshire	371	1.71	41.73
Rest of Yorkshire and Humber	421	1.94	43.67
Tyne and Wear	226	1.04	44.71
Rest of North	478	2.20	46.91
Wales	3,773	17.36	64.27
Scotland	3,914	18.01	82.28
Northern Ireland	3,805	17.51	99.79
.m	42	0.19	99.99
.s	3	0.01	100.00
Total	21,730	100.00	

L11102_2006

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	295	1.38	1.38
Outer London	2	640	2.99	4.37
Rest of South East	3	2,264	10.58	14.96
South West	4	1,137	5.32	20.27
East Anglia	5	594	2.78	23.05
East Midlands	6	1,048	4.90	27.95
West Midlands Conurb	7	425	1.99	29.94
Rest of West Midlands	8	675	3.16	33.09
Greater Manchester	9	431	2.02	35.11
Merseyside	10	273	1.28	36.38
Rest of North West	11	544	2.54	38.93
South Yorkshire	12	334	1.56	40.49
West Yorkshire	13	373	1.74	42.23
Rest of Yorkshire and Humber	14	416	1.94	44.18
Tyne and Wear	15	233	1.09	45.27
Rest of North	16	482	2.25	47.52
Wales	17	3,783	17.69	65.21
Scotland	18	3,772	17.64	82.84
Northern Ireland	19	3,617	16.91	99.75
.m		50	0.23	99.99
.s		3	0.01	100.00
Total		21,389	100.00	

L11102_2007

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	267	1.29	1.29
Outer London	2	630	3.04	4.33
Rest of South East	3	2,207	10.65	14.98
South West	4	1,104	5.33	20.31
East Anglia	5	587	2.83	23.15
East Midlands	6	1,047	5.05	28.20
West Midlands Conurb	7	389	1.88	30.08
Rest of West Midlands	8	665	3.21	33.29
Greater Manchester	9	409	1.97	35.26
Merseyside	10	275	1.33	36.59
Rest of North West	11	540	2.61	39.20
South Yorkshire	12	339	1.64	40.84
West Yorkshire	13	356	1.72	42.55
Rest of Yorkshire and Humber	14	407	1.96	44.52
Tyne and Wear	15	226	1.09	45.61
Rest of North	16	466	2.25	47.86
Wales	17	3,668	17.71	65.57
Scotland	18	3,616	17.46	83.02
Northern Ireland	19	3,379	16.31	99.33
.m		135	0.65	99.99
.s		3	0.01	100.00
Total		20,715	100.00	

L11102_2008

Region/Metropolitan Area of Residence		Freq.	Percent	Cum.
Inner London	1	254	1.26	1.26
Outer London	2	597	2.96	4.22
Rest of South East	3	2,204	10.92	15.14
South West	4	1,099	5.45	20.59
East Anglia	5	568	2.82	23.40
East Midlands	6	1,037	5.14	28.54
West Midlands Conurb	7	358	1.77	30.32
Rest of West Midlands	8	670	3.32	33.64
Greater Manchester	9	405	2.01	35.64
Merseyside	10	287	1.42	37.07
Rest of North West	11	549	2.72	39.79
South Yorkshire	12	365	1.81	41.60
West Yorkshire	13	363	1.80	43.40
Rest of Yorkshire and Humber	14	412	2.04	45.44
Tyne and Wear	15	236	1.17	46.61
Rest of North	16	446	2.21	48.82
Wales	17	3,543	17.56	66.38
Scotland	18	3,529	17.49	83.87
Northern Ireland	19	3,255	16.13	100.00
Total		20,177	100.00	

Comparable Variables BHPS

Variable Name M11101XX

Variable Label Whether was in hospital overnight in past year

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates whether person stayed overnight in a hospital at any time since 9/1 of previous year

Method Transcribed variable.

Format: .M = Item non-response
.S = Survey non-response
.C = N/A - Child
0 = Did not stay overnight in a hospital
1 = Stayed overnight in a hospital
The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
If wHOSP in (1,2) then M11101XX=2-wHOSP;
If wHOSP in (-9,-8,-1) then M11101XX=.m
if M11101XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11101XX =.c;
if M11101XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11101XX =.m;
if M11101XX eq . and wIVFIO eq . then M11101XX =.s;

M11101_1991

Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	9,035	65.28	65.28
Applies 1	1,186	8.57	73.85
.c	3,091	22.33	96.18
.m	528	3.82	100.00
Total	13,840	100.00	

M11101_1992

Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	8,782	66.78	66.78
Applies 1	1,059	8.05	74.83
.c	2,893	22.00	96.83
.m	417	3.17	100.00
Total	13,151	100.00	

M11101_1993			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	8,531	65.10	65.10
Applies 1	1,060	8.09	73.19
.c	2,843	21.70	94.89
.m	670	5.11	100.00
Total	13,104	100.00	

M11101_1994			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	8,448	65.74	65.74
Applies 1	1,026	7.98	73.72
.c	1,935	15.06	88.78
.m	1,442	11.22	100.00
Total	12,851	100.00	

M11101_1995			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	8,269	65.89	65.89
Applies 1	976	7.78	73.67
.c	1,885	15.02	88.69
.m	1,419	11.31	100.00
Total	12,549	100.00	

M11101_1996			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	8,497	66.80	66.80
Applies 1	941	7.40	74.20
.c	1,923	15.12	89.32
.m	1,359	10.68	100.00
Total	12,720	100.00	

M11101_1997			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	10,005	66.51	66.51
Applies 1	1,169	7.77	74.29
.c	2,547	16.93	91.22
.m	1,321	8.78	100.00
Total	15,042	100.00	

M11101_1998			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	9,712	65.47	65.47
Applies 1	1,182	7.97	73.43
.c	2,288	15.42	88.86
.m	1,653	11.14	100.00
Total	14,835	100.00	

M11101_1999			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	13,786	63.92	63.92
Applies 1	1,824	8.46	72.38
.c	3,725	17.27	89.66
.m	2,231	10.34	100.00
Total	21,566	100.00	

M11101_2000			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	13,835	64.04	64.04
Applies 1	1,764	8.17	72.21
.c	3,236	14.98	87.19
.m	2,767	12.81	100.00
Total	21,602	100.00	

M11101_2001			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	16,764	63.06	63.06
Applies 1	2,101	7.90	70.96
.c	4,387	16.50	87.46
.m	3,334	12.54	100.00
Total	26,586	100.00	

M11101_2002			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	14,843	63.34	63.34
Applies 1	1,752	7.48	70.81
.c	3,769	16.08	86.90
.m	3,071	13.10	100.00
Total	23,435	100.00	

M11101_2003			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	14,514	64.30	64.30
Applies 1	1,717	7.61	71.90
.c	3,567	15.80	87.70
.m	2,776	12.30	100.00
Total	22,574	100.00	

M11101_2004			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	14,115	63.79	63.79
Applies 1	1,669	7.54	71.33
.c	3,100	14.01	85.34
.m	3,243	14.66	100.00
Total	22,127	100.00	

M11101_2005			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	14,046	64.64	64.64
Applies 1	1,568	7.22	71.85
.c	3,007	13.84	85.69
.m	3,109	14.31	100.00
Total	21,730	100.00	

M11101_2006			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	13,825	64.64	64.64
Applies 1	1,565	7.32	71.95
.c	2,918	13.64	85.60
.m	3,081	14.40	100.00
Total	21,389	100.00	

M11101_2007			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	13,353	64.46	64.46
Applies 1	1,519	7.33	71.79
.c	2,833	13.68	85.47
.m	3,010	14.53	100.00
Total	20,715	100.00	

M11101_2008			
Overnight hosp stay	Freq.	Percent	Cum.
Does not apply 0	12,974	64.30	64.30
Applies 1	1,444	7.16	71.46
.c	2,676	13.26	84.72
.m	3,083	15.28	100.00
Total	20,177	100.00	

Comparable Variables BHPS

Variable Name M11102XX

Variable Label Number of nights (days) stayed in hospital overnight in past year

Survey/Created S

Reliability 1

Unit of Observation I

Description Number of nights (days) person stayed overnight in a hospital since 9/1 of previous year

Method Transcribed variable.

Format: .M = Item non-response
.S = Survey non-response
0 = Did not stay overnight in a hospital
1-365 = Nights (days) spent in hospital
The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
If wHOSP>=0 then M11102XX=wHOSPD
if wHOSP=2 then M11102XX=0;
if wHOSP in (-9,-8,-1,.) then M11102=.m

variable	N	mean
M11102_1991	10225	1.19
M11102_1992	9836	1.07
M11102_1993	9587	1.05
M11102_1994	9472	1.05
M11102_1995	9240	.97
M11102_1996	9433	.98
M11102_1997	11167	1.06
M11102_1998	10886	1.05
M11102_1999	15598	1.19
M11102_2000	15590	1.22
M11102_2001	18855	1.10
M11102_2002	16587	.99
M11102_2003	16226	1.00
M11102_2004	15778	.96
M11102_2005	15610	1.02
M11102_2006	15384	.94
M11102_2007	14867	.89
M11102_2008	14414	.93

Comparable Variables BHPS

Variable Name M11103XX

Variable Label Whether had accident in past year that required hospitalization

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates whether person had accident in past year that required he stay overnight in a clinic or hospital

Method Transcribed variable.

Format: .M = Item non-response
.S = Survey non-response
.C = N/A - Child
0 = Had no accident that required overnight stay in a hospital
1 = Had accident that required overnight stay in a hospital
The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
If wXDTS in (1,2) then M11103XX=2-wXDTS;
If wXDTS eq -9 then M11103XX=.m;
If wXDTS eq -7 then M11103XX=.s;
if M11103XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11103XX =.c;
if M11103XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11103XX =.m;
if M11103XX eq . and wIVFIO eq . then M11103XX =.s;

M11103_1991

Hospitalization accident	Freq.	Percent	Cum.
Does not apply 0	9,124	65.92	65.92
Applies 1	1,136	8.21	74.13
.c	3,091	22.33	96.47
.m	489	3.53	100.00
Total	13,840	100.00	

M11103_1992

Hospitalization accident	Freq.	Percent	Cum.
Does not apply 0	8,712	66.25	66.25
Applies 1	1,130	8.59	74.84
.c	2,893	22.00	96.84
.m	416	3.16	100.00
Total	13,151	100.00	

M11103_1993			
Hospitalization accident	Freq.	Percent	Cum.
Does not apply 0	8,070	61.58	61.58
Applies 1	954	7.28	68.86
.c	2,843	21.70	90.56
.m	661	5.04	95.60
.s	576	4.40	100.00
Total	13,104	100.00	

M11103_1994			
Hospitalization accident	Freq.	Percent	Cum.
Does not apply 0	8,101	63.04	63.04
Applies 1	954	7.42	70.46
.c	1,935	15.06	85.52
.m	1,440	11.21	96.72
.s	421	3.28	100.00
Total	12,851	100.00	

M11103_1995			
Hospitalization accident	Freq.	Percent	Cum.
Does not apply 0	7,864	62.67	62.67
Applies 1	963	7.67	70.34
.c	1,885	15.02	85.36
.m	1,415	11.28	96.64
.s	422	3.36	100.00
Total	12,549	100.00	

M11103_1996			
Hospitalization accident	Freq.	Percent	Cum.
Does not apply 0	8,119	63.83	63.83
Applies 1	1,017	8.00	71.82
.c	1,923	15.12	86.94
.m	1,360	10.69	97.63
.s	301	2.37	100.00
Total	12,720	100.00	

M11103_1997			
Hospitalization accident	Freq.	Percent	Cum.
Does not apply 0	9,586	63.73	63.73
Applies 1	1,223	8.13	71.86
.c	2,547	16.93	88.79
.m	1,321	8.78	97.57
.s	365	2.43	100.00
Total	15,042	100.00	

M11103_1998				
Hospitalization accident		Freq.	Percent	Cum.
Does not apply	0	9,415	63.46	63.46
Applies	1	1,117	7.53	70.99
	.c	2,288	15.42	86.42
	.m	1,657	11.17	97.59
	.s	358	2.41	100.00
Total		14,835	100.00	

M11103_1999				
Hospitalization accident		Freq.	Percent	Cum.
Does not apply	0	13,438	62.31	62.31
Applies	1	1,743	8.08	70.39
	.c	3,725	17.27	87.67
	.m	2,225	10.32	97.98
	.s	435	2.02	100.00
Total		21,566	100.00	

M11103_2000				
Hospitalization accident		Freq.	Percent	Cum.
Does not apply	0	13,420	62.12	62.12
Applies	1	1,652	7.65	69.77
	.c	3,236	14.98	84.75
	.m	2,772	12.83	97.58
	.s	522	2.42	100.00
Total		21,602	100.00	

M11103_2001				
Hospitalization accident		Freq.	Percent	Cum.
Does not apply	0	16,188	60.89	60.89
Applies	1	1,877	7.06	67.95
	.c	4,387	16.50	84.45
	.m	3,333	12.54	96.99
	.s	801	3.01	100.00
Total		26,586	100.00	

M11103_2002				
Hospitalization accident		Freq.	Percent	Cum.
Does not apply	0	14,093	60.14	60.14
Applies	1	1,614	6.89	67.02
	.c	3,769	16.08	83.11
	.m	3,070	13.10	96.21
	.s	889	3.79	100.00
Total		23,435	100.00	

M11103_2003				
Hospitalization accident		Freq.	Percent	Cum.
Does not apply	0	13,856	61.38	61.38
Applies	1	1,485	6.58	67.96
	.c	3,567	15.80	83.76
	.m	2,775	12.29	96.05
	.s	891	3.95	100.00
Total		22,574	100.00	

M11103_2004				
Hospitalization accident		Freq.	Percent	Cum.
Does not apply	0	13,355	60.36	60.36
Applies	1	1,421	6.42	66.78
	.c	3,100	14.01	80.79
	.m	3,237	14.63	95.42
	.s	1,014	4.58	100.00
Total		22,127	100.00	

M11103_2005				
Hospitalization accident		Freq.	Percent	Cum.
Does not apply	0	13,227	60.87	60.87
Applies	1	1,407	6.47	67.34
	.c	3,007	13.84	81.18
	.m	3,107	14.30	95.48
	.s	982	4.52	100.00
Total		21,730	100.00	

M11103_2006				
Hospitalization accident		Freq.	Percent	Cum.
Does not apply	0	12,952	60.55	60.55
Applies	1	1,462	6.84	67.39
	.c	2,918	13.64	81.03
	.m	3,080	14.40	95.43
	.s	977	4.57	100.00
Total		21,389	100.00	

M11103_2007				
Hospitalization accident		Freq.	Percent	Cum.
Does not apply	0	12,588	60.77	60.77
Applies	1	1,336	6.45	67.22
	.c	2,833	13.68	80.89
	.m	3,010	14.53	95.42
	.s	948	4.58	100.00
Total		20,715	100.00	

M11103_2008

Hospitalization accident	Freq.	Percent	Cum.
Does not apply 0	12,210	60.51	60.51
Applies 1	1,244	6.17	66.68
.c	2,676	13.26	79.94
.m	3,082	15.27	95.22
.s	965	4.78	100.00
Total	20,177	100.00	

Comparable Variables BHPS

Variable Name M11104XX

Variable Label Frequency play sports or exercise

Survey/Created C

Reliability 1

Unit of Observation I

Description Indicates how often person plays sports, exercises or walks or swims

Method Collapse coding of original variable to be comparable to GSOEP variable

Format:

```
.M = Item non-response
.S = Survey non-response
.C = N/A - Child
1 = Play sport or exercise once a year or less, almost never, or never
2 = Play sport or exercise several times a year
3 = Play sport or exercise at least once a month
4 = Play sport or exercise at least once a week
The original survey variable provided below can be found in the WINDALL
files. This algorithm omits individuals with survey non-responses.
```

Unweighted Statistics

```
1991-1995, 1997, 1999, 2001, 2003, 2005, 2007 algorithm: N/A
1996, 1998, 2000, 2002,2004, 2006, 2008 algorithm: (XX=96,98,00,02,04,06, w=f,h,j,l,n,p)
if wLACTA=5 then M11104XX=1;
if wLACTA=4 then M11104XX=1;
if wLACTA=3 then M11104XX=2;
if wLACTA=2 then M11104XX=3;
if wLACTA=1 then M11104XX=4;
if wLACTA in (-9, -1) then M11104XX=.m;
if wLACTA= -7 then M11104XX=.s;
if M11104XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in
(20,24)
or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11104XX =.c;
if M11104XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne
(20,24)
or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11104XX =.m;
if M11104XX eq . and wIVFIO eq . then M11104XX =.s;
```

M11104_1996

Frequency play sport, walk, swim		Freq.	Percent	Cum.
Almost never/never	1	2,179	17.13	17.13
Several times a year	2	910	7.15	24.28
At least once a month	3	1,176	9.25	33.53
At least weekly	4	4,861	38.22	71.75
.c		1,923	15.12	86.86
.m		1,370	10.77	97.63
.s		301	2.37	100.00
Total		12,720	100.00	

M11104_1998

Frequency play sport, walk, swim		Freq.	Percent	Cum.
Almost never/never	1	2,830	19.08	19.08
Several times a year	2	973	6.56	25.64
At least once a month	3	1,317	8.88	34.51
At least weekly	4	5,426	36.58	71.09
	.c	2,288	15.42	86.51
	.m	1,643	11.08	97.59
	.s	358	2.41	100.00
Total		14,835	100.00	

M11104_2000

Frequency play sport, walk, swim		Freq.	Percent	Cum.
Almost never/never	1	3,971	18.38	18.38
Several times a year	2	1,249	5.78	24.16
At least once a month	3	1,751	8.11	32.27
At least weekly	4	8,089	37.45	69.72
	.c	3,236	14.98	84.70
	.m	2,784	12.89	97.58
	.s	522	2.42	100.00
Total		21,602	100.00	

M11104_2002

Frequency play sport, walk, swim		Freq.	Percent	Cum.
Almost never/never	1	3,734	15.93	15.93
Several times a year	2	1,209	5.16	21.09
At least once a month	3	1,864	7.95	29.05
At least weekly	4	8,876	37.87	66.92
	.c	3,769	16.08	83.00
	.m	3,094	13.20	96.21
	.s	889	3.79	100.00
Total		23,435	100.00	

M11104_2004

Frequency play sport, walk, swim		Freq.	Percent	Cum.
Almost never/never	1	3,523	15.92	15.92
Several times a year	2	1,383	6.25	22.17
At least once a month	3	2,132	9.64	31.81
At least weekly	4	9,127	41.25	73.06
	.c	3,100	14.01	87.07
	.m	1,848	8.35	95.42
	.s	1,014	4.58	100.00
Total		22,127	100.00	

M11104_2006

Frequency play sport, walk, swim		Freq.	Percent	Cum.
Almost never/never	1	3,184	14.89	14.89
Several times a year	2	1,116	5.22	20.10
At least once a month	3	1,964	9.18	29.29
At least weekly	4	9,507	44.45	73.73
	.c	2,918	13.64	87.38
	.m	1,723	8.06	95.43
	.s	977	4.57	100.00
Total		21,389	100.00	

M11104_2008

Frequency play sport, walk, swim		Freq.	Percent	Cum.
Almost never/never	1	11,485	56.92	56.92
Several times a year	2	577	2.86	59.78
At least once a month	3	522	2.59	62.37
At least weekly	4	870	4.31	66.68
	.c	2,676	13.26	79.94
	.m	3,082	15.27	95.22
	.s	965	4.78	100.00
Total		20,177	100.00	

Comparable Variables BHPS
Variable Name M11105XX
Variable Label Have had stroke
Survey/Created S
Reliability 1
Unit of Observation I
Description Indicates whether person has had a stroke as of date of interview
Method Transcribed variable
Format:

```

.M = Item non-respons
.S = Survey non-response
.C = N/A - Child
0 = Has not had stroke
1 = Has had stroke

```

The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

```

1991-2000 algorithm: N/A
2001-2007 algorithm: (XX=01-07, w=k-q)
if WHLPRBO in (0,1) then M11105XX=WHLPRBO;
if WHLPRBO in (-9,-1) then M11105XX=.m;
if M11105XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in
(20,24)
or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11105XX =.c;
if M11105XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne
(20,24)
or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11105XX =.m;
if M11105XX eq . and wIVFIO eq . then M11105XX =.s;

```

M11105_2001

Have had stroke	Freq.	Percent	Cum.
Does not apply 0	17,898	67.32	67.32
Applies 1	757	2.85	70.17
.c	4,387	16.50	86.67
.m	3,544	13.33	100.00
Total	26,586	100.00	

M11105_2002

Have had stroke	Freq.	Percent	Cum.
Does not apply 0	16,248	69.33	69.33
Applies 1	184	0.79	70.12
.c	3,769	16.08	86.20
.m	3,234	13.80	100.00
Total	23,435	100.00	

M11105_2003				
Have had stroke		Freq.	Percent	Cum.
Does not apply	0	15,882	70.36	70.36
Applies	1	191	0.85	71.20
	.c	3,567	15.80	87.00
	.m	2,934	13.00	100.00
Total		22,574	100.00	

M11105_2004				
Have had stroke		Freq.	Percent	Cum.
Does not apply	0	15,596	70.48	70.48
Applies	1	193	0.87	71.36
	.c	3,100	14.01	85.37
	.m	3,238	14.63	100.00
Total		22,127	100.00	

M11105_2005				
Have had stroke		Freq.	Percent	Cum.
Does not apply	0	14,775	67.99	67.99
Applies	1	169	0.78	68.77
	.c	3,007	13.84	82.61
	.m	3,779	17.39	100.00
Total		21,730	100.00	

M11105_2006				
Have had stroke		Freq.	Percent	Cum.
Does not apply	0	14,516	67.87	67.87
Applies	1	198	0.93	68.79
	.c	2,918	13.64	82.43
	.m	3,757	17.57	100.00
Total		21,389	100.00	

M11105_2007				
Have had stroke		Freq.	Percent	Cum.
Does not apply	0	14,020	67.68	67.68
Applies	1	170	0.82	68.50
	.c	2,833	13.68	82.18
	.m	3,692	17.82	100.00
Total		20,715	100.00	

M11105_2008				
Have had stroke		Freq.	Percent	Cum.
Does not apply	0	13,519	67.00	67.00
Applies	1	166	0.82	67.82
	.c	2,676	13.26	81.09
	.m	3,816	18.91	100.00
Total		20,177	100.00	

Comparable Variables BHPS

Variable Name M11106XX

Variable Label High blood pressure/circulation problems

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates whether person has or had problems with high blood pressure or circulation

Method Transcribed variable

Format: .M = Item non-response
.S = Survey non-response
.C = N/A - child
0 = Doesn't have or has not had problem with high blood pressure or circulation
1 = Has or had problem with high blood pressure or circulation

The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-04, w=a-q)
if wHLPRBF in (0,1) then M11106XX=wHLPRBF;
if wHLPRBF in (-9,-1) then M11106XX=.m;
if M11106XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11106XX =.c;
if M11106XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11106XX =.m;
if M11106XX eq . and wIVFIO eq . then M11106XX =.s;

M11106_1991

High blood pressure/circulation problems	Freq.	Percent	Cum.
Does not apply 0	9,028	65.23	65.23
Applies 1	1,203	8.69	73.92
.c	3,091	22.33	96.26
.m	518	3.74	100.00
Total	13,840	100.00	

M11106_1992

High blood pressure/circulation problems	Freq.	Percent	Cum.
Does not apply 0	8,631	65.63	65.63
Applies 1	1,173	8.92	74.55
.c	2,893	22.00	96.55
.m	454	3.45	100.00
Total	13,151	100.00	

M11106_1993			
High blood pressure/circulation problems	Freq.	Percent	Cum.
Does not apply 0	8,368	63.86	63.86
Applies 1	1,206	9.20	73.06
.c	2,843	21.70	94.76
.m	687	5.24	100.00
Total	13,104	100.00	

M11106_1994			
High blood pressure/circulation problems	Freq.	Percent	Cum.
Does not apply 0	8,304	64.62	64.62
Applies 1	1,163	9.05	73.67
.c	1,935	15.06	88.72
.m	1,449	11.28	100.00
Total	12,851	100.00	

M11106_1995			
High blood pressure/circulation problems	Freq.	Percent	Cum.
Does not apply 0	8,064	64.26	64.26
Applies 1	1,171	9.33	73.59
.c	1,885	15.02	88.61
.m	1,429	11.39	100.00
Total	12,549	100.00	

M11106_1996			
High blood pressure/circulation problems	Freq.	Percent	Cum.
Does not apply 0	8,202	64.48	64.48
Applies 1	1,233	9.69	74.17
.c	1,923	15.12	89.29
.m	1,362	10.71	100.00
Total	12,720	100.00	

M11106_1997			
High blood pressure/circulation problems	Freq.	Percent	Cum.
Does not apply 0	9,545	63.46	63.46
Applies 1	1,638	10.89	74.35
.c	2,547	16.93	91.28
.m	1,312	8.72	100.00
Total	15,042	100.00	

M11106_1998				
High blood pressure/circulation problems		Freq.	Percent	Cum.
Does not apply	0	9,262	62.43	62.43
Applies	1	1,634	11.01	73.45
	.c	2,288	15.42	88.87
	.m	1,651	11.13	100.00
Total		14,835	100.00	

M11106_1999				
High blood pressure/circulation problems		Freq.	Percent	Cum.
Does not apply	0	13,232	61.36	61.36
Applies	1	2,375	11.01	72.37
	.c	3,725	17.27	89.64
	.m	2,234	10.36	100.00
Total		21,566	100.00	

M11106_2000				
High blood pressure/circulation problems		Freq.	Percent	Cum.
Does not apply	0	13,062	60.47	60.47
Applies	1	2,522	11.67	72.14
	.c	3,236	14.98	87.12
	.m	2,782	12.88	100.00
Total		21,602	100.00	

M11106_2001				
High blood pressure/circulation problems		Freq.	Percent	Cum.
Does not apply	0	15,488	58.26	58.26
Applies	1	3,167	11.91	70.17
	.c	4,387	16.50	86.67
	.m	3,544	13.33	100.00
Total		26,586	100.00	

M11106_2002				
High blood pressure/circulation problems		Freq.	Percent	Cum.
Does not apply	0	13,571	57.91	57.91
Applies	1	2,861	12.21	70.12
	.c	3,769	16.08	86.20
	.m	3,234	13.80	100.00
Total		23,435	100.00	

M11106_2003			
High blood pressure/circulation problems		Freq.	Percent
Does not apply	0	13,264	58.76
Applies	1	2,809	12.44
	.c	3,567	15.80
	.m	2,934	13.00
Total		22,574	100.00

M11106_2004			
High blood pressure/circulation problems		Freq.	Percent
Does not apply	0	12,997	58.74
Applies	1	2,792	12.62
	.c	3,100	14.01
	.m	3,238	14.63
Total		22,127	100.00

M11106_2005			
High blood pressure/circulation problems		Freq.	Percent
Does not apply	0	12,262	56.43
Applies	1	2,682	12.34
	.c	3,007	13.84
	.m	3,779	17.39
Total		21,730	100.00

M11106_2006			
High blood pressure/circulation problems		Freq.	Percent
Does not apply	0	11,974	55.98
Applies	1	2,740	12.81
	.c	2,918	13.64
	.m	3,757	17.57
Total		21,389	100.00

M11106_2007			
High blood pressure/circulation problems		Freq.	Percent
Does not apply	0	11,509	55.56
Applies	1	2,681	12.94
	.c	2,833	13.68
	.m	3,692	17.82
Total		20,715	100.00

M11106_2008				
High blood pressure/circula tion problems		Freq.	Percent	Cum.
Does not apply	0	11,111	55.07	55.07
Applies	1	2,574	12.76	67.82
	.c	2,676	13.26	81.09
	.m	3,816	18.91	100.00
Total		20,177	100.00	

Comparable Variables BHPS

Variable Name M11107XX

Variable Label Have or had diabetes

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates whether person has or had problems with diabetes

Method Transcribed variable

Format: .M = Item non-response
.S = Survey non-response
.C = N/A - child
0 = Doesn't have or has not had problem with diabetes
1 = Has or had problem with diabetes
The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2000, 2002-2005, 2007 algorithm: (XX=91-00, 02-05,07, w=a-j,l-o,q)
if wHLPRBH in (0,1) then M11107XX=wHLPRBH;
if wHLPRBH in (-9,-1) then M11107XX=.m;

2001, 2006: algorithm: (XX=01,06, w=k,p)
If wHLPRBH=1 and wHLPRXH in (1,2) then M11107XX=2- wHLPRXH
If wHLPRBH=0 then M11107XX=0
If wHLPRXH=-9 then M11107XX=.m
If wHLPRXH=-7 then M11107XX=.s

All waves:
if M11107XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11107XX =.c;
if M11107XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11107XX =.m;
if M11107XX eq . and wIVFIO eq . then M11107XX =.s;

M11107_1991

Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	10,052	72.63	72.63
Applies 1	179	1.29	73.92
.c	3,091	22.33	96.26
.m	518	3.74	100.00
Total	13,840	100.00	

M11107_1992

Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	9,617	73.13	73.13
Applies 1	187	1.42	74.55
.c	2,893	22.00	96.55
.m	454	3.45	100.00
Total	13,151	100.00	

M11107_1993			
Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	9,377	71.56	71.56
Applies 1	197	1.50	73.06
.c	2,843	21.70	94.76
.m	687	5.24	100.00
Total	13,104	100.00	

M11107_1994			
Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	9,263	72.08	72.08
Applies 1	204	1.59	73.67
.c	1,935	15.06	88.72
.m	1,449	11.28	100.00
Total	12,851	100.00	

M11107_1995			
Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	9,035	72.00	72.00
Applies 1	200	1.59	73.59
.c	1,885	15.02	88.61
.m	1,429	11.39	100.00
Total	12,549	100.00	

M11107_1996			
Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	9,227	72.54	72.54
Applies 1	208	1.64	74.17
.c	1,923	15.12	89.29
.m	1,362	10.71	100.00
Total	12,720	100.00	

M11107_1997			
Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	10,889	72.39	72.39
Applies 1	294	1.95	74.35
.c	2,547	16.93	91.28
.m	1,312	8.72	100.00
Total	15,042	100.00	

M11107_1998			
Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	10,599	71.45	71.45
Applies 1	297	2.00	73.45
.c	2,288	15.42	88.87
.m	1,651	11.13	100.00
Total	14,835	100.00	

M11107_1999			
Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	15,140	70.20	70.20
Applies 1	467	2.17	72.37
.c	3,725	17.27	89.64
.m	2,234	10.36	100.00
Total	21,566	100.00	

M11107_2000			
Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	15,087	69.84	69.84
Applies 1	497	2.30	72.14
.c	3,236	14.98	87.12
.m	2,782	12.88	100.00
Total	21,602	100.00	

M11107_2001			
Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	18,240	68.61	68.61
Applies 1	100	0.38	68.98
.c	4,387	16.50	85.48
.m	3,619	13.61	99.10
.s	240	0.90	100.00
Total	26,586	100.00	

M11107_2002			
Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	15,826	67.53	67.53
Applies 1	606	2.59	70.12
.c	3,769	16.08	86.20
.m	3,234	13.80	100.00
Total	23,435	100.00	

M11107_2003			
Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	15,441	68.40	68.40
Applies 1	632	2.80	71.20
.c	3,567	15.80	87.00
.m	2,934	13.00	100.00
Total	22,574	100.00	

M11107_2004			
Have or had diabetes	Freq.	Percent	Cum.
Does not apply 0	15,133	68.39	68.39
Applies 1	656	2.96	71.36
.c	3,100	14.01	85.37
.m	3,238	14.63	100.00
Total	22,127	100.00	

M11107_2005				
Have or had diabetes		Freq.	Percent	Cum.
Does not apply	0	14,287	65.75	65.75
Applies	1	657	3.02	68.77
	.c	3,007	13.84	82.61
	.m	3,779	17.39	100.00
Total		21,730	100.00	

M11107_2006				
Have or had diabetes		Freq.	Percent	Cum.
Does not apply	0	14,495	67.77	67.77
Applies	1	200	0.94	68.70
	.c	2,918	13.64	82.35
	.m	3,080	14.40	96.75
	.s	696	3.25	100.00
Total		21,389	100.00	

M11107_2007				
Have or had diabetes		Freq.	Percent	Cum.
Does not apply	0	13,506	65.20	65.20
Applies	1	684	3.30	68.50
	.c	2,833	13.68	82.18
	.m	3,692	17.82	100.00
Total		20,715	100.00	

M11107_2008				
Have or had diabetes		Freq.	Percent	Cum.
Does not apply	0	13,023	64.54	64.54
Applies	1	662	3.28	67.82
	.c	2,676	13.26	81.09
	.m	3,816	18.91	100.00
Total		20,177	100.00	

Comparable Variables BHPS

Variable Name M11108XX

Variable Label Have or had cancer

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates whether person has or had problems with cancer

Method Transcribed variable

Format: .M = Item non-response
.S = Survey non-response
.C = N/A - child
0 = Doesn't have or has not had problem with cancer
1 = Has or had problem with cancer
The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2000 algorithm: N/A

2001, 2006: algorithm: (XX=01,06, w=k,p)
If WHLPRBN=1 and WHLPRXN in (1,2) then M11108XX=2- WHLPRXN
If WHLPRBN=0 then M11108XX=0
If WHLPRXN=-9 then M11108XX=.m
If WHLPRXN=-7 then M11108XX=.s

2002-2005, 2007: algorithm: (XX=02-05,07, w=l-o,q)
if WHLPRBN in (0,1) then M11108XX=WHLPRBN
if WHLPRBN in (-1,-9) then M11108XX=.m

All waves:
if M11108XX eq . and WIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24)
or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11108XX =.c;
if M11108XX eq . and WIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24)
or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11108XX =.m;
if M11108XX eq . and WIVFIO eq . then M11108XX =.s;

M11108_2001

Have or had cancer	Freq.	Percent	Cum.
Does not apply 0	18,390	69.17	69.17
Applies 1	265	1.00	70.17
.c	4,387	16.50	86.67
.m	3,544	13.33	100.00
Total	26,586	100.00	

M11108_2002			
Have or had cancer	Freq.	Percent	Cum.
Does not apply 0	16,222	69.22	69.22
Applies 1	210	0.90	70.12
.c	3,769	16.08	86.20
.m	3,234	13.80	100.00
Total	23,435	100.00	

M11108_2003			
Have or had cancer	Freq.	Percent	Cum.
Does not apply 0	15,837	70.16	70.16
Applies 1	236	1.05	71.20
.c	3,567	15.80	87.00
.m	2,934	13.00	100.00
Total	22,574	100.00	

M11108_2004			
Have or had cancer	Freq.	Percent	Cum.
Does not apply 0	15,553	70.29	70.29
Applies 1	236	1.07	71.36
.c	3,100	14.01	85.37
.m	3,238	14.63	100.00
Total	22,127	100.00	

M11108_2005			
Have or had cancer	Freq.	Percent	Cum.
Does not apply 0	14,750	67.88	67.88
Applies 1	194	0.89	68.77
.c	3,007	13.84	82.61
.m	3,779	17.39	100.00
Total	21,730	100.00	

M11108_2006			
Have or had cancer	Freq.	Percent	Cum.
Does not apply 0	14,489	67.74	67.74
Applies 1	225	1.05	68.79
.c	2,918	13.64	82.43
.m	3,757	17.57	100.00
Total	21,389	100.00	

M11108_2007			
Have or had cancer	Freq.	Percent	Cum.
Does not apply 0	13,996	67.56	67.56
Applies 1	194	0.94	68.50
.c	2,833	13.68	82.18
.m	3,692	17.82	100.00
Total	20,715	100.00	

M11108_2008

Have or had cancer	Freq.	Percent	Cum.
Does not apply 0	13,474	66.78	66.78
Applies 1	211	1.05	67.82
.c	2,676	13.26	81.09
.m	3,816	18.91	100.00
Total	20,177	100.00	

Comparable Variables BHPS
Variable Name M11109XX
Variable Label Have or had psychiatric problems
Survey/Created S
Reliability 1
Unit of Observation I
Description Indicates whether person has or had problems with anxiety, depression, or bad nerves
Method Transcribed variable
Format:

- .M = Item non-response
- .S = Survey non-response
- .C = N/A - child
- 0 = Doesn't have or has not had problem with anxiety
- 1 = Has or had problem with anxiety, depression, or bad nerves

 The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2000, 2002-2005, 2007 algorithm: (XX=91-00, 02-05,07, w=a-j,l-o,q)
 if wHLPRBI in (0,1) then M11109XX=wHLPRBI;
 if wHLPRBI in (-9,-1) then M11109XX=.m;

2001, 2006 algorithm: (XX=01,06, w=k,p)
 If wHLPRBI=1 and wHLPRXI in (1,2) then M11109XX=2- wHLPRXH
 If wHLPRBI=0 then M11109XX=0
 If wHLPRXI=-9 then M11109XX=.m
 If wHLPRXI=-7 then M11109XX=.s

All waves:
 if M11109XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11109XX =.c;
 if M11109XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11109XX =.m;
 if M11109XX eq . and wIVFIO eq . then M11109XX =.s;

M11109_1991

Psychiatric problems	Freq.	Percent	Cum.
Does not apply 0	9,703	70.11	70.11
Applies 1	528	3.82	73.92
.c	3,091	22.33	96.26
.m	518	3.74	100.00
Total	13,840	100.00	

M11109_1992				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	9,215	70.07	70.07
Applies	1	589	4.48	74.55
	.c	2,893	22.00	96.55
	.m	454	3.45	100.00
Total		13,151	100.00	

M11109_1993				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	8,988	68.59	68.59
Applies	1	586	4.47	73.06
	.c	2,843	21.70	94.76
	.m	687	5.24	100.00
Total		13,104	100.00	

M11109_1994				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	8,879	69.09	69.09
Applies	1	588	4.58	73.67
	.c	1,935	15.06	88.72
	.m	1,449	11.28	100.00
Total		12,851	100.00	

M11109_1995				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	8,631	68.78	68.78
Applies	1	604	4.81	73.59
	.c	1,885	15.02	88.61
	.m	1,429	11.39	100.00
Total		12,549	100.00	

M11109_1996				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	8,795	69.14	69.14
Applies	1	640	5.03	74.17
	.c	1,923	15.12	89.29
	.m	1,362	10.71	100.00
Total		12,720	100.00	

M11109_1997				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	10,288	68.40	68.40
Applies	1	895	5.95	74.35
	.c	2,547	16.93	91.28
	.m	1,312	8.72	100.00
Total		15,042	100.00	

M11109_1998				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	10,030	67.61	67.61
Applies	1	866	5.84	73.45
	.c	2,288	15.42	88.87
	.m	1,651	11.13	100.00
Total		14,835	100.00	

M11109_1999				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	14,509	67.28	67.28
Applies	1	1,098	5.09	72.37
	.c	3,725	17.27	89.64
	.m	2,234	10.36	100.00
Total		21,566	100.00	

M11109_2000				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	14,253	65.98	65.98
Applies	1	1,331	6.16	72.14
	.c	3,236	14.98	87.12
	.m	2,782	12.88	100.00
Total		21,602	100.00	

M11109_2001				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	16,971	63.83	63.83
Applies	1	1,684	6.33	70.17
	.c	4,387	16.50	86.67
	.m	3,544	13.33	100.00
Total		26,586	100.00	

M11109_2002				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	15,030	64.13	64.13
Applies	1	1,402	5.98	70.12
	.c	3,769	16.08	86.20
	.m	3,234	13.80	100.00
Total		23,435	100.00	

M11109_2003				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	14,717	65.19	65.19
Applies	1	1,356	6.01	71.20
	.c	3,567	15.80	87.00
	.m	2,934	13.00	100.00
Total		22,574	100.00	

M11109_2004				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	14,499	65.53	65.53
Applies	1	1,290	5.83	71.36
	.c	3,100	14.01	85.37
	.m	3,238	14.63	100.00
Total		22,127	100.00	

M11109_2005				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	13,722	63.15	63.15
Applies	1	1,222	5.62	68.77
	.c	3,007	13.84	82.61
	.m	3,779	17.39	100.00
Total		21,730	100.00	

M11109_2006				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	13,483	63.04	63.04
Applies	1	1,231	5.76	68.79
	.c	2,918	13.64	82.43
	.m	3,757	17.57	100.00
Total		21,389	100.00	

M11109_2007				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	12,930	62.42	62.42
Applies	1	1,260	6.08	68.50
	.c	2,833	13.68	82.18
	.m	3,692	17.82	100.00
Total		20,715	100.00	

M11109_2008				
Psychiatric problems		Freq.	Percent	Cum.
Does not apply	0	12,547	62.18	62.18
Applies	1	1,138	5.64	67.82
	.c	2,676	13.26	81.09
	.m	3,816	18.91	100.00
Total		20,177	100.00	

Comparable Variables BHPS

Variable Name M11110XX

Variable Label Have or had arthritis

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates whether person has or had problems with arthritis

Method Transcribed variable

Format:

```
.M = Item non-response
.S = Survey non-response
.C = N/A - child
0 = Doesn't have or has not had problem with arthritis
1 = Has or had problem with arthritis
```

The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2000,2002-2005, 2007-2008 : algorithm: missing

2001,2006: algorithm:

```
if wHLPBBA=1 and wHLPBBA in (1,2) then M11110XX=2-wHLPBBA;
else if wHLPBBA=0 then M11110XX=0;
If wHLPBBA=-9 then M11110XX=.m
If wHLPBBA=-7 then M11110XX=.s
if M11110XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in
(20,24)
or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11110XX =.c;
if M11110XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne
(20,24)
or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11110XX =.m;
if M11110XX eq . and wIVFIO eq . then M11110XX =.s;
```

M11110_2001

Arthritis	Freq.	Percent	Cum.
Does not apply 0	15,063	56.66	56.66
Applies 1	1,257	4.73	61.39
.c	4,387	16.50	77.89
.m	5,470	20.57	98.46
.s	409	1.54	100.00
Total	26,586	100.00	

M11110_2006

Arthritis	Freq.	Percent	Cum.
Does not apply 0	12,666	59.22	59.22
Applies 1	1,949	9.11	68.33
.c	2,918	13.64	81.97
.m	3,082	14.41	96.38
.s	774	3.62	100.00
Total	21,389	100.00	

Comparable Variables BHPS

Variable Name M11111XX

Variable Label Angina or heart condition

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates whether person has or had angina or heart condition in survey year

Method N/A

Format: .M = Item non-response
.S = Survey non-response
.C = N/A - child
0 = Doesn't have or has not had angina or heart condition
1 = Has or had angina or heart condition

Unweighted Statistics

1991-2000,2002-2005, 2007-2008 algorithm: N/A

2001,2006: algorithm:
if wHLPRBF=1 and wHLPRXF in (1,2) then M11111XX=2-wHLPRXF;
else if wHLPRBF=0 then M11111XX=0;
If wHLPRXF=-9 then M11111XX=.m
If wHLPRXF=-7 then M11111XX=.s
if M11111XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24)
or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11111XX =.c;
if M11111XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24)
or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11111XX =.m;
if M11111XX eq . and wIVFIO eq . then M11111XX =.s;

M11111_2001

Angina or heart condition	Freq.	Percent	Cum.
Does not apply 0	16,717	62.88	62.88
Applies 1	474	1.78	64.66
.c	4,387	16.50	81.16
.m	4,683	17.61	98.78
.s	325	1.22	100.00
Total	26,586	100.00	

M11111_2006

Angina or heart condition	Freq.	Percent	Cum.
Does not apply 0	13,969	65.31	65.31
Applies 1	688	3.22	68.53
.c	2,918	13.64	82.17
.m	3,081	14.40	96.57
.s	733	3.43	100.00
Total	21,389	100.00	

Comparable Variables BHPS

Variable Name M11112XX

Variable Label Have or had asthma or breathing difficulty

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates whether person has or had problems with asthma or breathing difficulties

Method Transcribed variable

Format: .M = Item non-response
.S = Survey non-response
.C = N/A - child
0 = Doesn't have or has not had problem with asthma or breathing difficulties
1 = Has or had problem with asthma or breathing difficulties
The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2002, 2004-2005, 2007 algorithm: (XX=91-02,04-05,07, w=a-1,n-o,q)
if wHLPRBE in (0,1) then M11112XX=wHLPRBE;
if wHLPRBE in (-1,-9) then M11112XX=.m;

2003,2006 algorithm: (XX=03,06, w=m,p)
if wHLPRBE=1 and wHLPRXE in (1,2) then M11112XX=2-wHLPRXE;
else if wHLPRBE=0 then M11112XX=0;
If wHLPRXE=-9 then M11112XX=.m
If wHLPRXE=-7 then M11112XX=.s

All waves:
if M11112XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11112XX =.c;
if M11112XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11112XX =.m;
if M11112XX eq . and wIVFIO eq . then M11112XX =.s;

M11112_1991			
Difficulties			
breathing	Freq.	Percent	Cum.

Does not apply 0	9,171	66.26	66.26
Applies 1	1,060	7.66	73.92
.c	3,091	22.33	96.26
.m	518	3.74	100.00

Total	13,840	100.00	

M11112_1992			
Difficulties			
breathing	Freq.	Percent	Cum.
Does not apply	0	8,731	66.39
Applies	1	1,073	8.16
	.c	2,893	22.00
	.m	454	3.45
Total		13,151	100.00

M11112_1993			
Difficulties			
breathing	Freq.	Percent	Cum.
Does not apply	0	8,475	64.67
Applies	1	1,099	8.39
	.c	2,843	21.70
	.m	687	5.24
Total		13,104	100.00

M11112_1994			
Difficulties			
breathing	Freq.	Percent	Cum.
Does not apply	0	8,319	64.73
Applies	1	1,148	8.93
	.c	1,935	15.06
	.m	1,449	11.28
Total		12,851	100.00

M11112_1995			
Difficulties			
breathing	Freq.	Percent	Cum.
Does not apply	0	8,072	64.32
Applies	1	1,163	9.27
	.c	1,885	15.02
	.m	1,429	11.39
Total		12,549	100.00

M11112_1996			
Difficulties			
breathing	Freq.	Percent	Cum.
Does not apply	0	8,234	64.73
Applies	1	1,201	9.44
	.c	1,923	15.12
	.m	1,362	10.71
Total		12,720	100.00

M11112_1997			
Difficulties			
breathing	Freq.	Percent	Cum.
Does not apply	0	9,634	64.05
Applies	1	1,549	10.30
	.c	2,547	16.93
	.m	1,312	8.72
Total		15,042	100.00

M11112_1998			
Difficulties		Freq.	Percent
breathing			
			Cum.
Does not apply	0	9,406	63.40
Applies	1	1,490	10.04
	.c	2,288	15.42
	.m	1,651	11.13
Total		14,835	100.00

M11112_1999			
Difficulties		Freq.	Percent
breathing			
			Cum.
Does not apply	0	13,529	62.73
Applies	1	2,078	9.64
	.c	3,725	17.27
	.m	2,234	10.36
Total		21,566	100.00

M11112_2000			
Difficulties		Freq.	Percent
breathing			
			Cum.
Does not apply	0	13,371	61.90
Applies	1	2,213	10.24
	.c	3,236	14.98
	.m	2,782	12.88
Total		21,602	100.00

M11112_2001			
Difficulties		Freq.	Percent
breathing			
			Cum.
Does not apply	0	16,113	60.61
Applies	1	2,542	9.56
	.c	4,387	16.50
	.m	3,544	13.33
Total		26,586	100.00

M11112_2002			
Difficulties		Freq.	Percent
breathing			
			Cum.
Does not apply	0	14,175	60.49
Applies	1	2,257	9.63
	.c	3,769	16.08
	.m	3,234	13.80
Total		23,435	100.00

M11112_2003			
Difficulties		Freq.	Percent
breathing			
			Cum.
Does not apply	0	13,884	61.50
Applies	1	2,189	9.70
	.c	3,567	15.80
	.m	2,934	13.00
Total		22,574	100.00

M11112_2004			
Difficulties			
breathing	Freq.	Percent	Cum.
Does not apply	0	13,687	61.86
Applies	1	2,102	9.50
	.c	3,100	14.01
	.m	3,238	14.63
Total		22,127	100.00

M11112_2005			
Difficulties			
breathing	Freq.	Percent	Cum.
Does not apply	0	12,966	59.67
Applies	1	1,978	9.10
	.c	3,007	13.84
	.m	3,779	17.39
Total		21,730	100.00

M11112_2006			
Difficulties			
breathing	Freq.	Percent	Cum.
Does not apply	0	12,704	59.40
Applies	1	2,010	9.40
	.c	2,918	13.64
	.m	3,757	17.57
Total		21,389	100.00

M11112_2007			
Difficulties			
breathing	Freq.	Percent	Cum.
Does not apply	0	12,274	59.25
Applies	1	1,916	9.25
	.c	2,833	13.68
	.m	3,692	17.82
Total		20,715	100.00

M11112_2008			
Difficulties			
breathing	Freq.	Percent	Cum.
Does not apply	0	11,867	58.81
Applies	1	1,818	9.01
	.c	2,676	13.26
	.m	3,816	18.91
Total		20,177	100.00

Comparable Variables BHPS

Variable Name M11113XX

Variable Label Need help to climb stairs

Survey/Created C

Reliability 1

Unit of Observation I

Description Indicates whether person has trouble with or needs help of others to climb stairs

Method Collapse categories of two variables into dichotomous variable

Format:

```
.M = Item non-response
.S = Survey non-response
.C = N/A - child
0 = Doesn't have trouble with stairs or need help with stairs
1 = Has trouble with stairs or needs help of others with stairs
The original survey variable provided below can be found in the WINDALL
files. This algorithm omits individuals with survey non-responses.
```

Unweighted Statistics

1991 algorithm:

```
if AHXXTB in (0,1) then M11113_1991=AHXXTB;
if AHXXTB=-8 then M11113_1991=0;
if AHXXTB in (-1,-9) then M11113_1991=.m;
if AHXXTB=-7 then M11113_1991=.s;
```

1992-1996 algorithm: (XX=92-96, w=b-f)

```
if wHXXTB=2 then M11113XX=1;
if wHXXTB in (0,-8) then M11113XX=0;
if AHXXTB in (-1,-9) then M11113XX=.m;
if AHXXTB=-7 then M11113XX=.s;
```

1997-1998, 2000-2003, 2005-2007 algorithm: (XX=97-98,00-03,05-07, w=g-h,j-m,o-q)

```
if wHXXTB=2 then M11113XX=1;
if wHXXTB in (0,-8) then M11113XX=0;
if AHXXTB in (-1,-9) then M11113XX=.m;
if AHXXTB=-7 then M11113XX=.s;
if M11113XX in (0,.m,.p,.) and wADLA in (2,3) then M11113XX=1
if M11113XX in (0,.m,.p,.) and wADLA=1 then M11113XX=0
if M11113XX in (.m,.s) and wADLAD in (1,2,-8) then M11113XX=0
if M11113XX in (.m,.s) and wADLAD in (3,4) then M11113XX=1
```

1999, 2004 algorithm: (XX=99,04, w=i,n)

```
if wHLSF3E=1 then wM11113=1;
if wHLSF3E in (2,3) then wM11113=0;
if wHLSF3E in (-1,-9) then wM11113=.m;
if wHLSF3E=-7 then wM11113=.s;
if wHLSF3D=1 or wHLSF3E=1 then wADLAD=3
if wHLSF3D in (2,3) or wHLSF3E in (2,3) then wADLAD=1
if wHLSF3D=wHLSF3E and wHLSF3D in (-1,-7,-8) then wADLAD=wHLSF3D
if M11113_1991 in (.m,.s) and wADLAD in (1,2,-8) then M11113XX=0
if M11113_1991 in (.m,.s) and wADLAD in (3,4) then M11113XX=1
```

All waves:

```
if M11113XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in
(20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11113XX =.c;
if M11113XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne
(20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11113XX =.m;
if M11113XX eq . and wIVFIO eq . then M11113XX =.s;
```

M11113_1991			
Need help to climb stairs	Freq.	Percent	Cum.
Does not apply 0	9,637	69.63	69.63
Applies 1	621	4.49	74.12
.c	3,091	22.33	96.45
.m	491	3.55	100.00
Total	13,840	100.00	

M11113_1992			
Need help to climb stairs	Freq.	Percent	Cum.
Does not apply 0	9,277	70.54	70.54
Applies 1	555	4.22	74.76
.c	2,893	22.00	96.76
.m	426	3.24	100.00
Total	13,151	100.00	

M11113_1993			
Need help to climb stairs	Freq.	Percent	Cum.
Does not apply 0	9,029	68.90	68.90
Applies 1	550	4.20	73.10
.c	2,843	21.70	94.80
.m	682	5.20	100.00
Total	13,104	100.00	

M11113_1994			
Need help to climb stairs	Freq.	Percent	Cum.
Does not apply 0	8,865	68.98	68.98
Applies 1	586	4.56	73.54
.c	1,935	15.06	88.60
.m	1,465	11.40	100.00
Total	12,851	100.00	

M11113_1995			
Need help to climb stairs	Freq.	Percent	Cum.
Does not apply 0	8,634	68.80	68.80
Applies 1	586	4.67	73.47
.c	1,885	15.02	88.49
.m	1,444	11.51	100.00
Total	12,549	100.00	

M11113_1996			
Need help to climb stairs	Freq.	Percent	Cum.
Does not apply 0	8,844	69.53	69.53
Applies 1	567	4.46	73.99
.c	1,923	15.12	89.10
.m	1,386	10.90	100.00
Total	12,720	100.00	

M11113_1997			
Need help to climb stairs	Freq.	Percent	Cum.
Does not apply 0	10,236	68.05	68.05
Applies 1	954	6.34	74.39
.c	2,547	16.93	91.32
.m	1,305	8.68	100.00
Total	15,042	100.00	

M11113_1998			
Need help to climb stairs	Freq.	Percent	Cum.
Does not apply 0	10,065	67.85	67.85
Applies 1	839	5.66	73.50
.c	2,288	15.42	88.92
.m	1,643	11.08	100.00
Total	14,835	100.00	

M11113_1999			
Need help to climb stairs	Freq.	Percent	Cum.
Does not apply 0	14,420	66.86	66.86
Applies 1	766	3.55	70.42
.c	3,725	17.27	87.69
.m	2,220	10.29	97.98
.s	435	2.02	100.00
Total	21,566	100.00	

M11113_2000			
Need help to climb stairs	Freq.	Percent	Cum.
Does not apply 0	14,248	65.96	65.96
Applies 1	1,354	6.27	72.22
.c	3,236	14.98	87.20
.m	2,764	12.80	100.00
Total	21,602	100.00	

M11113_2001			
Need help to climb stairs	Freq.	Percent	Cum.
Does not apply 0	17,097	64.31	64.31
Applies 1	1,769	6.65	70.96
.c	4,387	16.50	87.46
.m	3,333	12.54	100.00
Total	26,586	100.00	

M11113_2002			
Need help to climb stairs	Freq.	Percent	Cum.
Does not apply 0	15,535	66.29	66.29
Applies 1	380	1.62	67.91
.c	3,769	16.08	83.99
.m	3,751	16.01	100.00
Total	23,435	100.00	

M11113_2003				
Need help to climb stairs		Freq.	Percent	Cum.
Does not apply	0	15,238	67.50	67.50
Applies	1	343	1.52	69.02
	.c	3,567	15.80	84.82
	.m	3,426	15.18	100.00
Total		22,574	100.00	

M11113_2004				
Need help to climb stairs		Freq.	Percent	Cum.
Does not apply	0	3,052	13.79	13.79
Applies	1	691	3.12	16.92
	.c	3,100	14.01	30.93
	.m	14,602	65.99	96.92
	.s	682	3.08	100.00
Total		22,127	100.00	

M11113_2005				
Need help to climb stairs		Freq.	Percent	Cum.
Does not apply	0	14,568	67.04	67.04
Applies	1	333	1.53	68.57
	.c	3,007	13.84	82.41
	.m	3,822	17.59	100.00
Total		21,730	100.00	

M11113_2006				
Need help to climb stairs		Freq.	Percent	Cum.
Does not apply	0	14,278	66.75	66.75
Applies	1	363	1.70	68.45
	.c	2,918	13.64	82.09
	.m	3,830	17.91	100.00
Total		21,389	100.00	

M11113_2007				
Need help to climb stairs		Freq.	Percent	Cum.
Does not apply	0	13,838	66.80	66.80
Applies	1	345	1.67	68.47
	.c	2,833	13.68	82.14
	.m	3,699	17.86	100.00
Total		20,715	100.00	

M11113_2008				
Need help to climb stairs		Freq.	Percent	Cum.
Does not apply	0	13,461	66.71	66.71
Applies	1	321	1.59	68.31
	.c	2,676	13.26	81.57
	.m	3,719	18.43	100.00
Total		20,177	100.00	

Comparable Variables BHPS

Variable Name M11114XX

Variable Label Have difficulty or need help of others to bathe

Survey/Created C

Reliability 2

Unit of Observation I

Description Indicates whether person has trouble with or needs help of others to bathe

Method Collapse two variables into dichotomous variable. Note that 1999 survey question combines responses to question about difficulty with bathing with response to question about difficulty with dressing. The response to the 1999 question is treated as indicating difficulty for each (separately).

Format:

```
.M = Item non-response
.S = Survey non-response
.C = N/A - child
0 = Doesn't have trouble with or need help of others to bathe
1 = Has trouble with or needs help of others to bathe
```

The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-1996 algorithm: N/A

1997-1998, 2000-2003, 2005-2007 algorithm: (XX=97,98,00-03,05-07, w=g,h,j-m,o-q)

```
if wADLE in (2,3) then M11114XXa=1;
if wADLE in (1, -8) then M11114XXa=0;
if wADLE=-9 then M11114XXa=.m;
if wADLE=-7 then M11114XXa=.s;
if wADLED in (3,4) then M11114XXb=1;
if wADLED in (1,2, -8) then M11114XXb=0;
if wADLED=-9 then M11114XXb=.m;
if wADLED=-7 then M11114XXb=.s;
```

1999, 2004 algorithm: (XX=99, 04, w=i,n)

```
if wHLSF3J=1 then wADLE=3;
if wHLSF3J in (2,3) then wADLE=1;
if wHLSF3J=wHLSF3E and wHLSF3J in (-9,-8,-7,-1) then wADLE = wHLSF3J;
wADLED=wADLE
if wADLE in (2,3) then M11114XXa=1;
if wADLE in (1, -8) then M11114XXa=0;
if wADLE=-9 then M11114XXa=.m;
if wADLE=-7 then M11114XXa=.s;
if wADLED in (3,4) then M11114XXb=1;
if wADLED in (1,2, -8) then M11114XXb=0;
if wADLED=-9 then M11114XXb=.m;
if wADLED=-7 then M11114XXb=.s;
```

All waves:

```
M11114XX=max(M11114XXa, M11114XXb)
if M11114XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in
(20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11114XX =.c;
if M11114XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne
(20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11114XX =.m;
if M11114XX eq . and wIVFIO eq . then M11114XX =.s;
```

M11114_1997			
Need help or have difficulty bathing alone	Freq.	Percent	Cum.
Does not apply 0	10,420	69.27	69.27
Applies 1	401	2.67	71.94
.c	2,547	16.93	88.87
.m	1,674	11.13	100.00
Total	15,042	100.00	

M11114_1998			
Need help or have difficulty bathing alone	Freq.	Percent	Cum.
Does not apply 0	10,123	68.24	68.24
Applies 1	402	2.71	70.95
.c	2,288	15.42	86.37
.m	2,022	13.63	100.00
Total	14,835	100.00	

M11114_1999			
Need help or have difficulty bathing alone	Freq.	Percent	Cum.
Does not apply 0	14,868	68.94	68.94
Applies 1	318	1.47	70.42
.c	3,725	17.27	87.69
.m	2,655	12.31	100.00
Total	21,566	100.00	

M11114_2000			
Need help or have difficulty bathing alone	Freq.	Percent	Cum.
Does not apply 0	14,751	68.29	68.29
Applies 1	628	2.91	71.19
.c	3,236	14.98	86.17
.m	2,987	13.83	100.00
Total	21,602	100.00	

M11114_2001			
Need help or have difficulty bathing alone	Freq.	Percent	Cum.
Does not apply 0	17,788	66.91	66.91
Applies 1	733	2.76	69.66
.c	4,387	16.50	86.17
.m	3,678	13.83	100.00
Total	26,586	100.00	

M11114_2002				
Need help or have difficulty bathing alone		Freq.	Percent	Cum.
Does not apply	0	15,507	66.17	66.17
Applies	1	573	2.45	68.62
	.c	3,769	16.08	84.70
	.m	3,586	15.30	100.00
Total		23,435	100.00	

M11114_2003				
Need help or have difficulty bathing alone		Freq.	Percent	Cum.
Does not apply	0	15,199	67.33	67.33
Applies	1	525	2.33	69.66
	.c	3,567	15.80	85.46
	.m	3,283	14.54	100.00
Total		22,574	100.00	

M11114_2004				
Need help or have difficulty bathing alone		Freq.	Percent	Cum.
Does not apply	0	14,733	66.58	66.58
Applies	1	298	1.35	67.93
	.c	3,100	14.01	81.94
	.m	3,996	18.06	100.00
Total		22,127	100.00	

M11114_2005				
Need help or have difficulty bathing alone		Freq.	Percent	Cum.
Does not apply	0	14,451	66.50	66.50
Applies	1	490	2.25	68.76
	.c	3,007	13.84	82.60
	.m	3,782	17.40	100.00
Total		21,730	100.00	

M11114_2006				
Need help or have difficulty bathing alone		Freq.	Percent	Cum.
Does not apply	0	14,212	66.45	66.45
Applies	1	493	2.30	68.75
	.c	2,918	13.64	82.39
	.m	3,766	17.61	100.00
Total		21,389	100.00	

M11114_2007

Need help or have difficulty bathing alone		Freq.	Percent	Cum.
Does not apply	0	13,695	66.11	66.11
Applies	1	493	2.38	68.49
	.c	2,833	13.68	82.17
	.m	3,694	17.83	100.00
Total		20,715	100.00	

M11114_2008

Need help or have difficulty bathing alone		Freq.	Percent	Cum.
Does not apply	0	13,217	65.51	65.51
Applies	1	467	2.31	67.82
	.c	2,676	13.26	81.08
	.m	3,817	18.92	100.00
Total		20,177	100.00	

Comparable Variables BHPS

Variable Name M11115XX

Variable Label Have difficulty or need help of others to dress

Survey/Created C

Reliability 2

Unit of Observation I

Description Indicates whether person has trouble with or needs help of others to dress

Method Collapse two variables into dichotomous variable. Note that 1999 survey question combines responses to difficulty bathing with difficulty dressing. The response to the 1999 question is treated as indicating difficulty for each (separately).

Format:

- .M = Item non-response
- .S = Survey non-response
- .C = N/A - child
- 0 = Doesn't have trouble with or need help of others to dress
- 1 = Has trouble with or needs help of others to dress

The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991, 2002, 2003, 2005-2007 algorithm: (XX=91, 02, 03, 05-07, w=a,l,m,o-q)

```

if wHXXTC in (0,1) then M11115XX=wHXXTC;
if wHXXTC=-8 then M11115XX=0;
if wHXXTC in (-9,-1) then M11115XX=.m;
if wHXXTC=-7 then M11115XX=.s;

```

1992-1998, 2000-2001 algorithm: (XX=92-98,00,01, w=b-h,j,k)

```

if wHXXTC=3 then M11115XX=1;
if wHXXTC in (0, -8) then M11115XX=0;
if wHXXTC in (-9,-1) then M11115XX=.m;
if wHXXTC=-7 then M11115XX=.s;

```

1999, 2004 algorithm: (XX=99, 04, w=i,q)

```

if wHLSF3J=1 then wADLE=3;
if wHLSF3J in (2,3) then wADLE=1;
if wHLSF3J=wHLSF3E and wHLSF3J in (-9,-8,-7,-1) then wADLE = wHLSF3J;
if wADLE=3 then M11115XX=1;
if wADLE=1 then M11115XX=0;
if wADLE in (-1,-9) then M11115XX=.m;
if wADLE=-7 then M11115XX=.s;

```

All waves:

```

if M11115XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11115XX =.c;
if M11115XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11115XX =.m;
if M11115XX eq . and wIVFIO eq . then M11115XX =.s;

```

M11115_1991			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	10,083	72.85	72.85
Applies 1	175	1.26	74.12
.c	3,091	22.33	96.45
.m	491	3.55	100.00
Total	13,840	100.00	

M11115_1992			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	9,662	73.47	73.47
Applies 1	170	1.29	74.76
.c	2,893	22.00	96.76
.m	426	3.24	100.00
Total	13,151	100.00	

M11115_1993			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	9,407	71.79	71.79
Applies 1	172	1.31	73.10
.c	2,843	21.70	94.80
.m	682	5.20	100.00
Total	13,104	100.00	

M11115_1994			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	9,266	72.10	72.10
Applies 1	185	1.44	73.54
.c	1,935	15.06	88.60
.m	1,465	11.40	100.00
Total	12,851	100.00	

M11115_1995			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	9,025	71.92	71.92
Applies 1	195	1.55	73.47
.c	1,885	15.02	88.49
.m	1,444	11.51	100.00
Total	12,549	100.00	

M11115_1996			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	9,196	72.30	72.30
Applies 1	215	1.69	73.99
.c	1,923	15.12	89.10
.m	1,386	10.90	100.00
Total	12,720	100.00	

M11115_1997			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	10,847	72.11	72.11
Applies 1	313	2.08	74.19
.c	2,547	16.93	91.12
.m	1,335	8.88	100.00
Total	15,042	100.00	

M11115_1998			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	10,583	71.34	71.34
Applies 1	284	1.91	73.25
.c	2,288	15.42	88.68
.m	1,680	11.32	100.00
Total	14,835	100.00	

M11115_1999			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	14,868	68.94	68.94
Applies 1	318	1.47	70.42
.c	3,725	17.27	87.69
.m	2,220	10.29	97.98
.s	435	2.02	100.00
Total	21,566	100.00	

M11115_2000			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	15,179	70.27	70.27
Applies 1	419	1.94	72.21
.c	3,236	14.98	87.19
.m	2,768	12.81	100.00
Total	21,602	100.00	

M11115_2001			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	18,254	68.66	68.66
Applies 1	612	2.30	70.96
.c	4,387	16.50	87.46
.m	3,333	12.54	100.00
Total	26,586	100.00	

M11115_2002			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	16,088	68.65	68.65
Applies 1	507	2.16	70.81
.c	3,769	16.08	86.90
.m	3,071	13.10	100.00
Total	23,435	100.00	

M11115_2003			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	15,724	69.66	69.66
Applies 1	512	2.27	71.92
.c	3,567	15.80	87.72
.m	2,771	12.28	100.00
Total	22,574	100.00	

M11115_2004			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	14,733	66.58	66.58
Applies 1	298	1.35	67.93
.c	3,100	14.01	81.94
.m	3,314	14.98	96.92
.s	682	3.08	100.00
Total	22,127	100.00	

M11115_2005			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	15,107	69.52	69.52
Applies 1	504	2.32	71.84
.c	3,007	13.84	85.68
.m	3,112	14.32	100.00
Total	21,730	100.00	

M11115_2006			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	14,858	69.47	69.47
Applies 1	533	2.49	71.96
.c	2,918	13.64	85.60
.m	3,080	14.40	100.00
Total	21,389	100.00	

M11115_2007			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	14,397	69.50	69.50
Applies 1	475	2.29	71.79
.c	2,833	13.68	85.47
.m	3,010	14.53	100.00
Total	20,715	100.00	

M11115_2008			
Dressing difficult alone	Freq.	Percent	Cum.
Does not apply 0	13,935	69.06	69.06
Applies 1	484	2.40	71.46
.c	2,676	13.26	84.73
.m	3,082	15.27	100.00
Total	20,177	100.00	

Comparable Variables BHPS

Variable Name M11116XX

Variable Label Have difficulty or need help of others to get in/out of bed

Survey/Created C

Reliability 2

Unit of Observation I

Description Indicates whether person has trouble with or needs help of others to get into/out of bed

Method Collapse two variables into dichotomous variable.

Format: .M = Item non-response
.S = Survey non-response
.C = N/A - child
0 = Doesn't have trouble with or need help of others to get in/out of bed
1 = Has trouble with or needs help of others to get in/out of bed
The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-1996, 1999,2004 algorithm: N/A

1997-1998, 2000-2003, 2005-2007 algorithm: (XX=97,98,00-03,05-07, w=g,h,j-m,o-q)

```

if wADLC in (2,3) then M11116XXa=1;
if wADLC in (1,-8) then M11116XXa=0;
if wADLC=-9 then M11116XXa=.m;
if wADLC=-7 then M11116XXa=.s;
if wADLCD in (3,4) then M11116XXb=1;
if wADLCD in (1,2,-8) then M11116XXb=0;
if wADLCD=-9 then M11116XXb=.m;
if wADLCD=-7 then M11116XXb=.s;
M11116XX=max(M11116XXa, M11116XXb)
if M11116XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11116XX =.c;
if M11116XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11116XX =.m;
if M11116XX eq . and wIVFIO eq . then M11116XX =.s;

```

M11116_1997

Difficulty/need help getting in/out bed	Freq.	Percent	Cum.
Does not apply 0	10,405	69.17	69.17
Applies 1	417	2.77	71.95
.c	2,547	16.93	88.88
.m	1,673	11.12	100.00
Total	15,042	100.00	

M11116_1998			
Difficulty/need help getting in/out bed	Freq.	Percent	Cum.
Does not apply 0	10,320	69.57	69.57
Applies 1	206	1.39	70.95
.c	2,288	15.42	86.38
.m	2,021	13.62	100.00
Total	14,835	100.00	

M11116_2000			
Difficulty/need help getting in/out bed	Freq.	Percent	Cum.
Does not apply 0	15,035	69.60	69.60
Applies 1	345	1.60	71.20
.c	3,236	14.98	86.18
.m	2,986	13.82	100.00
Total	21,602	100.00	

M11116_2001			
Difficulty/need help getting in/out bed	Freq.	Percent	Cum.
Does not apply 0	18,094	68.06	68.06
Applies 1	426	1.60	69.66
.c	4,387	16.50	86.16
.m	3,679	13.84	100.00
Total	26,586	100.00	

M11116_2002			
Difficulty/need help getting in/out bed	Freq.	Percent	Cum.
Does not apply 0	15,749	67.20	67.20
Applies 1	331	1.41	68.62
.c	3,769	16.08	84.70
.m	3,586	15.30	100.00
Total	23,435	100.00	

M11116_2003			
Difficulty/need help getting in/out bed	Freq.	Percent	Cum.
Does not apply 0	15,394	68.19	68.19
Applies 1	330	1.46	69.65
.c	3,567	15.80	85.45
.m	3,283	14.54	100.00
Total	22,574	100.00	

M11116_2005

Difficulty/need help getting in/out bed	Freq.	Percent	Cum.
Does not apply 0	14,638	67.36	67.36
Applies 1	303	1.39	68.76
.c	3,007	13.84	82.60
.m	3,782	17.40	100.00
Total	21,730	100.00	

M11116_2006

Difficulty/need help getting in/out bed	Freq.	Percent	Cum.
Does not apply 0	14,380	67.23	67.23
Applies 1	325	1.52	68.75
.c	2,918	13.64	82.39
.m	3,766	17.61	100.00
Total	21,389	100.00	

M11116_2007

Difficulty/need help getting in/out bed	Freq.	Percent	Cum.
Does not apply 0	13,867	66.94	66.94
Applies 1	321	1.55	68.49
.c	2,833	13.68	82.17
.m	3,694	17.83	100.00
Total	20,715	100.00	

M11116_2008

Difficulty/need help getting in/out bed	Freq.	Percent	Cum.
Does not apply 0	13,354	66.18	66.18
Applies 1	330	1.64	67.82
.c	2,676	13.26	81.08
.m	3,817	18.92	100.00
Total	20,177	100.00	

Comparable Variables BHPS

Variable Name M11118XX

Variable Label Walk 10+ minutes difficult

Survey/Created C

Reliability 2

Unit of Observation I

Description Indicates whether person has trouble to walk unaided for 10 or more minutes

Method For all years except 1999 a variable is recoded. In 1999 three variables are collapsed into one.

Format:

.M = Item non-response
.S = Survey non-response
.C = N/A - child
0 = Doesn't have trouble walking alone (unaided) for 10 or more minutes
1 = Has trouble walking unaided for 10 or more minutes

The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991, 2002, 2003, 2005-2007 algorithm: (XX=91, 02, 03,05-07, w=a,l,m,o-q)

if wHXXTD in (0,1) then M11118XX=wHXXTD;
if wHXXTD=-8 then M11118XX=0;
if wHXXTD=-9 then M11118XX=.m;
if wHXXTD=-7 then M11118XX=.s;

1992-1998, 2000-2001 algorithm: (XX=92-98,00-01, w=b-h,j,k)

if wHXXTD=4 then M11118XX=1;
if wHXXTD in (0,2,-8) then M11118XX=0;
if wHXXTD=-9 then M11118XX=.m;
if wHXXTD=-7 then M11118XX=.s;

1999, 2004 algorithm: (XX=99,04, w=i,n)

if IHLSF3G=1 or IHLSF3H=1 or IHLSF3I in (1,2) then M11118XX=1;
if IHLSF3G in (2,3) or IHLSF3H in (2,3) or IHLSF3I=3 then M11118XX=0;
if IHLSF3G in (-9,-1) and IHLSF3H in (-9,-1) and IHLSF3I in (-9,-1) then M11118XX=.m;
if IHLSF3G=-7 and IHLSF3H=-7 and IHLSF3I=-7 then M11118XX=.s;

All waves:

if M11118XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11118XX =.c;
if M11118XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11118XX =.m;
if M11118XX eq . and wIVFIO eq . then M11118XX =.s;

M11118_1991

Walk 10+ min alone difficult	Freq.	Percent	Cum.
Does not apply 0	9,652	69.74	69.74
Applies 1	606	4.38	74.12
.c	3,091	22.33	96.45
.m	491	3.55	100.00
Total	13,840	100.00	

M11118_1992			
Walk 10+ min alone difficult	Freq.	Percent	Cum.
Does not apply 0	9,270	70.49	70.49
Applies 1	562	4.27	74.76
.c	2,893	22.00	96.76
.m	426	3.24	100.00
Total	13,151	100.00	

M11118_1993			
Walk 10+ min alone difficult	Freq.	Percent	Cum.
Does not apply 0	9,014	68.79	68.79
Applies 1	565	4.31	73.10
.c	2,843	21.70	94.80
.m	682	5.20	100.00
Total	13,104	100.00	

M11118_1994			
Walk 10+ min alone difficult	Freq.	Percent	Cum.
Does not apply 0	8,846	68.84	68.84
Applies 1	605	4.71	73.54
.c	1,935	15.06	88.60
.m	1,465	11.40	100.00
Total	12,851	100.00	

M11118_1995			
Walk 10+ min alone difficult	Freq.	Percent	Cum.
Does not apply 0	8,625	68.73	68.73
Applies 1	595	4.74	73.47
.c	1,885	15.02	88.49
.m	1,444	11.51	100.00
Total	12,549	100.00	

M11118_1996			
Walk 10+ min alone difficult	Freq.	Percent	Cum.
Does not apply 0	8,827	69.39	69.39
Applies 1	584	4.59	73.99
.c	1,923	15.12	89.10
.m	1,386	10.90	100.00
Total	12,720	100.00	

M11118_1997			
Walk 10+ min alone difficult	Freq.	Percent	Cum.
Does not apply 0	10,291	68.42	68.42
Applies 1	869	5.78	74.19
.c	2,547	16.93	91.12
.m	1,335	8.88	100.00
Total	15,042	100.00	

M11118_1998				
Walk 10+ min alone difficult		Freq.	Percent	Cum.
Does not apply	0	10,042	67.69	67.69
Applies	1	825	5.56	73.25
	.c	2,288	15.42	88.68
	.m	1,680	11.32	100.00
Total		14,835	100.00	

M11118_1999				
Walk 10+ min alone difficult		Freq.	Percent	Cum.
Does not apply	0	14,177	65.74	65.74
Applies	1	1,009	4.68	70.42
	.c	3,725	17.27	87.69
	.m	2,220	10.29	97.98
	.s	435	2.02	100.00
Total		21,566	100.00	

M11118_2000				
Walk 10+ min alone difficult		Freq.	Percent	Cum.
Does not apply	0	14,358	66.47	66.47
Applies	1	1,240	5.74	72.21
	.c	3,236	14.98	87.19
	.m	2,768	12.81	100.00
Total		21,602	100.00	

M11118_2001				
Walk 10+ min alone difficult		Freq.	Percent	Cum.
Does not apply	0	17,202	64.70	64.70
Applies	1	1,664	6.26	70.96
	.c	4,387	16.50	87.46
	.m	3,333	12.54	100.00
Total		26,586	100.00	

M11118_2002				
Walk 10+ min alone difficult		Freq.	Percent	Cum.
Does not apply	0	15,249	65.07	65.07
Applies	1	1,346	5.74	70.81
	.c	3,769	16.08	86.90
	.m	3,071	13.10	100.00
Total		23,435	100.00	

M11118_2003				
Walk 10+ min alone difficult		Freq.	Percent	Cum.
Does not apply	0	14,926	66.12	66.12
Applies	1	1,310	5.80	71.92
	.c	3,567	15.80	87.72
	.m	2,771	12.28	100.00
Total		22,574	100.00	

M1118_2004			
Walk 10+ min alone difficult	Freq.	Percent	Cum.
Does not apply 0	14,123	63.83	63.83
Applies 1	984	4.45	68.27
.c	3,100	14.01	82.28
.m	3,238	14.63	96.92
.s	682	3.08	100.00
Total	22,127	100.00	

M1118_2005			
Walk 10+ min alone difficult	Freq.	Percent	Cum.
Does not apply 0	14,298	65.80	65.80
Applies 1	1,313	6.04	71.84
.c	3,007	13.84	85.68
.m	3,112	14.32	100.00
Total	21,730	100.00	

M1118_2006			
Walk 10+ min alone difficult	Freq.	Percent	Cum.
Does not apply 0	13,985	65.38	65.38
Applies 1	1,406	6.57	71.96
.c	2,918	13.64	85.60
.m	3,080	14.40	100.00
Total	21,389	100.00	

M1118_2007			
Walk 10+ min alone difficult	Freq.	Percent	Cum.
Does not apply 0	13,575	65.53	65.53
Applies 1	1,297	6.26	71.79
.c	2,833	13.68	85.47
.m	3,010	14.53	100.00
Total	20,715	100.00	

M1118_2008			
Walk 10+ min alone difficult	Freq.	Percent	Cum.
Does not apply 0	13,183	65.34	65.34
Applies 1	1,236	6.13	71.46
.c	2,676	13.26	84.73
.m	3,082	15.27	100.00
Total	20,177	100.00	

Comparable Variables BHPS

Variable Name M11119XX

Variable Label Difficulty doing housework

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates whether person has trouble doing housework

Method For all years except 1999 and 2004 a variable is recoded. Data is unavailable for 1999 and 2004.

Format: .M = Item non-response
.S = Survey non-response
.C = N/A - child
0 = Doesn't have trouble doing housework
1 = Has trouble doing housework.
The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1999,2004 algorithm: N/A

1991-1998, 2000-2003, 2005-2007 algorithm: (XX=91-98,00-03,05-07, w=a-h,j-m,o-q)

if WHXXTA in (0,1) then M11119XX=WHHLTA;
if WHXXTA=-8 then M11119XX=0;
if WHXXTA=-9 then M11119XX=.m;
if WHXXTA=-7 then M11119XX=.s;
if M11119XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11119XX =.c;
if M11119XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11119XX =.m;
if M11119XX eq . and wIVFIO eq . then M11119XX =.s;

Table for M11119_1991 showing frequencies and percentages for 'difficult alone' categories: 0, 1, .c, .m, and Total.

Table for M11119_1992 showing frequencies and percentages for 'difficult alone' categories: 0, 1, .c, .m, and Total.

M11119_1993			
Housework difficult alone	Freq.	Percent	Cum.
Does not apply 0	9,072	69.23	69.23
Applies 1	507	3.87	73.10
.c	2,843	21.70	94.80
.m	682	5.20	100.00
Total	13,104	100.00	

M11119_1994			
Housework difficult alone	Freq.	Percent	Cum.
Does not apply 0	8,890	69.18	69.18
Applies 1	561	4.37	73.54
.c	1,935	15.06	88.60
.m	1,465	11.40	100.00
Total	12,851	100.00	

M11119_1995			
Housework difficult alone	Freq.	Percent	Cum.
Does not apply 0	8,665	69.05	69.05
Applies 1	555	4.42	73.47
.c	1,885	15.02	88.49
.m	1,444	11.51	100.00
Total	12,549	100.00	

M11119_1996			
Housework difficult alone	Freq.	Percent	Cum.
Does not apply 0	8,847	69.55	69.55
Applies 1	564	4.43	73.99
.c	1,923	15.12	89.10
.m	1,386	10.90	100.00
Total	12,720	100.00	

M11119_1997			
Housework difficult alone	Freq.	Percent	Cum.
Does not apply 0	10,303	68.49	68.49
Applies 1	857	5.70	74.19
.c	2,547	16.93	91.12
.m	1,335	8.88	100.00
Total	15,042	100.00	

M11119_1998			
Housework difficult alone	Freq.	Percent	Cum.
Does not apply 0	10,086	67.99	67.99
Applies 1	781	5.26	73.25
.c	2,288	15.42	88.68
.m	1,680	11.32	100.00
Total	14,835	100.00	

M11119_2000			
Housework difficult alone	Freq.	Percent	Cum.
Does not apply 0	14,406	66.69	66.69
Applies 1	1,192	5.52	72.21
.c	3,236	14.98	87.19
.m	2,768	12.81	100.00
Total	21,602	100.00	

M11119_2001			
Housework difficult alone	Freq.	Percent	Cum.
Does not apply 0	17,257	64.91	64.91
Applies 1	1,609	6.05	70.96
.c	4,387	16.50	87.46
.m	3,333	12.54	100.00
Total	26,586	100.00	

M11119_2002			
Housework difficult alone	Freq.	Percent	Cum.
Does not apply 0	15,296	65.27	65.27
Applies 1	1,299	5.54	70.81
.c	3,769	16.08	86.90
.m	3,071	13.10	100.00
Total	23,435	100.00	

M11119_2003			
Housework difficult alone	Freq.	Percent	Cum.
Does not apply 0	14,992	66.41	66.41
Applies 1	1,244	5.51	71.92
.c	3,567	15.80	87.72
.m	2,771	12.28	100.00
Total	22,574	100.00	

M11119_2005			
Housework difficult alone	Freq.	Percent	Cum.
Does not apply 0	14,292	65.77	65.77
Applies 1	1,319	6.07	71.84
.c	3,007	13.84	85.68
.m	3,112	14.32	100.00
Total	21,730	100.00	

M11119_2006			
Housework difficult alone	Freq.	Percent	Cum.
Does not apply 0	14,051	65.69	65.69
Applies 1	1,340	6.26	71.96
.c	2,918	13.64	85.60
.m	3,080	14.40	100.00
Total	21,389	100.00	

M11119_2007				
Housework difficult alone		Freq.	Percent	Cum.
Does not apply	0	13,616	65.73	65.73
Applies	1	1,256	6.06	71.79
	.c	2,833	13.68	85.47
	.m	3,010	14.53	100.00
Total		20,715	100.00	

M11119_2008				
Housework difficult alone		Freq.	Percent	Cum.
Does not apply	0	13,297	65.90	65.90
Applies	1	1,122	5.56	71.46
	.c	2,676	13.26	84.73
	.m	3,082	15.27	100.00
Total		20,177	100.00	

Comparable Variables BHPS

Variable Name M11120XX

Variable Label Health limits bending, lifting, stooping

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates whether a person's health limits his ability to bend, lift, or stoop

Method For all years except 1999 a variable is recoded. In 1999 three variables are collapsed into one.

Format: .M = Item non-response
.S = Survey non-response
.C = N/A - child
0 = Doesn't have trouble walking alone (unaided) for 10 or more minutes
1 = Has trouble walking unaided for 10 or more minutes
The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-1998, 2000-2003, 2005-2008 algorithm: N/A

1999, 2004 algorithm: (XX=99,04, w=i,n)
if whlsf3f=1 then M111209XX=1;
if whlsf3f in (2,3) then M111209XX=0;
if whlsf3f in (-9,-1) then M111209XX=.m;
if whlsf3f =-7 then M111209XX=.s;
if M11120XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11120XX =.c;
if M11120XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11120XX =.m;
if M11120XX eq . and wIVFIO eq . then M11120XX =.s;

M11120_1999
Health limits kneeling | Freq. Percent Cum.
Does not apply 0 | 13,772 63.86 63.86
Applies 1 | 1,413 6.55 70.41
.c | 3,725 17.27 87.68
.m | 2,221 10.30 97.98
.s | 435 2.02 100.00
Total | 21,566 100.00

M11120_2004
Health limits kneeling | Freq. Percent Cum.
Does not apply 0 | 13,696 61.90 61.90
Applies 1 | 1,413 6.39 68.28
.c | 3,100 14.01 82.29
.m | 3,236 14.62 96.92
.s | 682 3.08 100.00
Total | 22,127 100.00

Comparable Variables BHPS

Variable Name M11121XX

Variable Label Health limits vigorous physical activity

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates whether person's health limits vigorous physical activity

Method Variable is recoded.

Format: .M = Item non-response
.S = Survey non-response
.C = N/A - child
0 = No, not ltd. at all
1 = Yes, ltd. a little
2 = Yes, limited a lot
The original survey variable provided below can be found in the WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-1998, 2000-2003, 2005-2008 algorithm: N/A

1999, 2004 algorithm: (XX=99, 04, w=i,n)
if whlsf3a in (1,2,3) then M11121XX=3-whlsf3a;
if whlsf3a in (-9,-1) then M11121XX=.m;
if whlsf3a=-7 then M11121XX=.s;
if M11121XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11121XX =.c;
if M11121XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11121XX =.m;
if M11121XX eq . and wIVFIO eq . then M11121XX =.s;

M11121_1999

Health limits vigorous activities		Freq.	Percent	Cum.
Not at all	0	8,207	38.06	38.06
Yes, a little	1	3,322	15.40	53.46
Yes, a lot	2	3,637	16.86	70.32
	.c	3,725	17.27	87.60
	.m	2,240	10.39	97.98
	.s	435	2.02	100.00
Total		21,566	100.00	

M11121_2004

Health limits vigorous activities		Freq.	Percent	Cum.
Not at all	0	8,216	37.13	37.13
Yes, a little	1	3,193	14.43	51.56
Yes, a lot	2	3,677	16.62	68.18
	.c	3,100	14.01	82.19
	.m	3,259	14.73	96.92
	.s	682	3.08	100.00
Total		22,127	100.00	

Comparable Variables BHPS

Variable Name M11122XX

Variable Label Height (in meters)

Survey/Created S

Reliability 1

Unit of Observation I

Description Height of person in meters

Method N/A

Format: .M = Item non-response
.S = Survey non-response

Unweighted Statistics

1991-2003, 2005, 2007-2008 algorithm: N/A

2004, 2006 algorithm: (XX=04,06, w=n,p)

```

if wyphtf>0 then M11122XX=(wyphtf*12)/39;
if wyphfi>0 then M11122XX=sum(M11122XX,(wyphfi/39));
if wyphtc>0 then M11122XX=wyphtc/100; *directly code reports in meters;
if whlhtf>0 then M11122XX=(whlhtf*12)/39; *convert feet to meters;
if whlhti>0 then M11122XX=sum(M11122XX,(whlhti/39)); *convert inches to meters and add;
if whlhct>0 then M11122XX=whlhct/100; *convert cm to meters;
if M11122XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in
(20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11122XX =.c;
if M11122XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne
(20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11122XX =.m;
if M11122XX eq . and wIVFIO eq . then M11122XX =.s;

```

variable	N	mean
M11122_2004	15593	1.70
M11122_2006	15233	1.67

Comparable Variables BHPS
Variable Name M11123XX
Variable Label Weight (in kilos)
Survey/Created S
Reliability 1
Unit of Observation I
Description Weight of person in kilos
Method N/A
Format: .M = Item non-response
 .S = Survey non-response

Unweighted Statistics

1991-2003, 2005, 2007-2008 algorithm: N/A
 2004 algorithm: (XX=04,06, w=n,p)
 if wypwtk>0 then M11123XX=wypwtk; *directly code report of weight in kilograms;
 if wypwts>0 then M11123XX=(wypwts*14)/2.2; *convert stones to kilograms;
 if wypwtp>0 then M11123XX=sum(M11123XX,(wypwtp/2.2)); *convert pounds to kilograms;
 if whlwts>0 then M11123XX=(whlwts*14)/2.2; *convert stones to kilos;
 if whlwtp>0 then M11123XX=sum(M11123XX,(whlwtp/2.2)); *convert pounds to kilos and add;
 if whlwtk>0 then M11123XX=whlwtk;
 if M11123XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11123XX =.c;
 if M11123XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11123XX =.m;
 if M11123XX eq . and wIVFIO eq . then M11123XX =.s;

variable	N	mean
M11123_2004	15090	72.7
M11123_2006	12039	76.6

Comparable Variables BHPS

Variable Name M11124XX

Variable Label Disability Status of Individual

Survey/Created C

Reliability 1

Unit of Observation I

Description This variable indicates disability status at the time of the survey.

Method If the individual reports his or her health limits the type or amount of work that he or she can do, then the individual is considered disabled.

Format: .M = Item non-response
.S = Survey non-response
0 = Not Disabled
1 = Disabled

The original survey variables provided below can be found in the WINDRESP files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

```
1991-2007: algorithm: (XX=91-07, w=a-q)
if wHXXTW=1 then M11124XX=1
if wHXXTW<0 & wIVFIO ne . then M11124XX=.m
if wHXXTW<0 & wIVFIO=. then M11124XX=.s
else M11124XX=0
if M11124XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in
(20,24) or EIVFIO in (20,24)... or QIVFIO in (20,24)) then M11124XX =.c;
if M11124XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24)
or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11124XX =.m;
if M11124XX eq . and wIVFIO eq . then M11124XX =.s;
```

M11124_1991				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	12,098	87.41	87.41
Disabled	1	1,732	12.51	99.93
	.m	10	0.07	100.00
Total		13,840	100.00	

M11124_1992				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	11,470	87.22	87.22
Disabled	1	1,676	12.74	99.96
	.m	5	0.04	100.00
Total		13,151	100.00	

M11124_1993				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	11,483	87.63	87.63
Disabled	1	1,617	12.34	99.97
	.m	4	0.03	100.00
Total		13,104	100.00	

M11124_1994				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	11,188	87.06	87.06
Disabled	1	1,657	12.89	99.95
	.m	6	0.05	100.00
Total		12,851	100.00	

M11124_1995				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	10,908	86.92	86.92
Disabled	1	1,636	13.04	99.96
	.m	5	0.04	100.00
Total		12,549	100.00	

M11124_1996				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	11,014	86.59	86.59
Disabled	1	1,704	13.40	99.98
	.m	2	0.02	100.00
Total		12,720	100.00	

M11124_1997				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	12,754	84.79	84.79
Disabled	1	2,282	15.17	99.96
	.m	6	0.04	100.00
Total		15,042	100.00	

M11124_1998				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	12,653	85.29	85.29
Disabled	1	2,178	14.68	99.97
	.m	4	0.03	100.00
Total		14,835	100.00	

M11124_1999				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	18,249	84.62	84.62
Disabled	1	3,317	15.38	100.00
Total		21,566	100.00	

M11124_2000				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	18,317	84.79	84.79
Disabled	1	3,256	15.07	99.87
	.m	29	0.13	100.00
Total		21,602	100.00	

M11124_2001				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	22,338	84.02	84.02
Disabled	1	4,245	15.97	99.99
	.m	3	0.01	100.00
Total		26,586	100.00	

M11124_2002				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	19,909	84.95	84.95
Disabled	1	3,521	15.02	99.98
	.m	5	0.02	100.00
Total		23,435	100.00	

M11124_2003				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	19,201	85.06	85.06
Disabled	1	3,364	14.90	99.96
	.m	9	0.04	100.00
Total		22,574	100.00	

M11124_2004				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	18,899	85.41	85.41
Disabled	1	3,228	14.59	100.00
Total		22,127	100.00	

M11124_2005				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	18,594	85.57	85.57
Disabled	1	3,128	14.39	99.96
	.m	8	0.04	100.00
Total		21,730	100.00	

M11124_2006				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	18,133	84.78	84.78
Disabled	1	3,256	15.22	100.00
Total		21,389	100.00	

M11124_2007				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	17,776	85.81	85.81
Disabled	1	2,936	14.17	99.99
	.m	3	0.01	100.00
Total		20,715	100.00	

M11124_2008				
Disability Status of Individual		Freq.	Percent	Cum.
Not Disabled	0	17,402	86.25	86.25
Disabled	1	2,775	13.75	100.00
Total		20,177	100.00	

Comparable Variables BHPS

Variable Name M11125XX

Variable Label Satisfaction With Health

Survey/Created C

Reliability 1

Unit of Observation I

Description This variable indicates satisfaction with health at the time of the survey.

Method If the individual reports having poor or very poor health then the individual is considered to be not satisfied with his or her health. If the individual reports having excellent, good or fair health then the individual is considered to be satisfied with his or her health.

Format: .M = Item non-response
.S = Survey non-response
0 = Not Satisfied
1 = Satisfied
The original survey variable provided below can be found in the WINDRESP file.
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

*Note that in wave I (1999) the health questions changed so that the variables are not strictly comparable. See the BHPS codebooks for details.

1991-1995, 2001 algorithm: N/A

1996-2000, 2002-2007 algorithm: (XX=96-00,02-07, w=f,j,l-q)
if wlfsat1 in (0,1,2,3,4,5,6,7) then M11125XX=wlfsat1;
if wlfsat1 in (-9,-2,-1) then M11125XX=.m;
if wlfsat1=-7 then M11125XX=.s;
if M11125XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24)
or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11125XX =.c;
if M11125XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24)
or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11125XX =.m;
if M11125XX eq . and wIVFIO eq . then M11125XX =.s;

M11125_1996

Subjective Satisfaction with Health	Freq.	Percent	Cum.
Not satisfied at all 1	422	3.32	3.32
2	351	2.76	6.08
3	883	6.94	13.02
4	1,313	10.32	23.34
5	1,874	14.73	38.07
6	2,426	19.07	57.15
Completely satisfied 7	1,765	13.88	71.02
.c	1,923	15.12	86.14
.m	1,462	11.49	97.63
.s	301	2.37	100.00
Total	12,720	100.00	

M11125_1997			
Subjective Satisfaction with Health		Freq.	Percent
Not satisfied at all	1	547	3.64
	2	441	2.93
	3	953	6.34
	4	1,443	9.59
	5	2,117	14.07
	6	2,956	19.65
Completely satisfied	7	2,193	14.58
	.c	2,547	16.93
	.m	1,480	9.84
	.s	365	2.43
Total		15,042	100.00

M11125_1998			
Subjective Satisfaction with Health		Freq.	Percent
Not satisfied at all	1	488	3.29
	2	438	2.95
	3	798	5.38
	4	1,333	8.99
	5	2,234	15.06
	6	3,005	20.26
Completely satisfied	7	2,095	14.12
	.c	2,288	15.42
	.m	1,798	12.12
	.s	358	2.41
Total		14,835	100.00

M11125_1999			
Subjective Satisfaction with Health		Freq.	Percent
Not satisfied at all	1	826	3.83
	2	647	3.00
	3	1,406	6.52
	4	2,101	9.74
	5	2,908	13.48
	6	4,165	19.31
Completely satisfied	7	2,759	12.79
	.c	3,725	17.27
	.m	2,594	12.03
	.s	435	2.02
Total		21,566	100.00

M11125_2000				
Subjective Satisfaction with Health				
	Freq.	Percent	Cum.	
Not satisfied at all	1	745	3.45	3.45
	2	724	3.35	6.80
	3	1,553	7.19	13.99
	4	2,294	10.62	24.61
	5	3,446	15.95	40.56
	6	3,754	17.38	57.94
Completely satisfied	7	2,243	10.38	68.32
	.c	3,236	14.98	83.30
	.m	3,085	14.28	97.58
	.s	522	2.42	100.00

Total		21,602	100.00	

M11125_2002				
Subjective Satisfaction with Health				
	Freq.	Percent	Cum.	
Not satisfied at all	1	741	3.16	3.16
	2	674	2.88	6.04
	3	1,505	6.42	12.46
	4	2,198	9.38	21.84
	5	3,495	14.91	36.75
	6	4,066	17.35	54.10
Completely satisfied	7	2,540	10.84	64.94
	.c	3,769	16.08	81.02
	.m	3,558	15.18	96.21
	.s	889	3.79	100.00

Total		23,435	100.00	

M11125_2003				
Subjective Satisfaction with Health				
	Freq.	Percent	Cum.	
Not satisfied at all	1	613	2.72	2.72
	2	586	2.60	5.31
	3	1,303	5.77	11.08
	4	2,001	8.86	19.95
	5	3,294	14.59	34.54
	6	4,390	19.45	53.99
Completely satisfied	7	2,749	12.18	66.16
	.c	3,567	15.80	81.97
	.m	3,180	14.09	96.05
	.s	891	3.95	100.00

Total		22,574	100.00	

M11125_2004			
Subjective Satisfaction with Health		Freq.	Percent
Not satisfied at all	1	605	2.73
	2	664	3.00
	3	1,442	6.52
	4	2,169	9.80
	5	3,322	15.01
	6	4,027	18.20
Completely satisfied	7	2,135	9.65
	.c	3,100	14.01
	.m	3,649	16.49
	.s	1,014	4.58
Total		22,127	100.00

M11125_2005			
Subjective Satisfaction with Health		Freq.	Percent
Not satisfied at all	1	771	3.55
	2	802	3.69
	3	1,480	6.81
	4	2,284	10.51
	5	3,650	16.80
	6	3,974	18.29
Completely satisfied	7	1,923	8.85
	.c	3,007	13.84
	.m	3,529	16.24
	.s	310	1.43
Total		21,730	100.00

M11125_2006			
Subjective Satisfaction with Health		Freq.	Percent
Not satisfied at all	1	535	2.50
	2	690	3.23
	3	1,425	6.66
	4	2,202	10.30
	5	3,620	16.92
	6	4,019	18.79
Completely satisfied	7	2,006	9.38
	.c	2,918	13.64
	.m	3,674	17.18
	.s	300	1.40
Total		21,389	100.00

M11125_2007

Subjective Satisfaction with Health		Freq.	Percent	Cum.
Not satisfied at all	1	455	2.20	2.20
	2	599	2.89	5.09
	3	1,405	6.78	11.87
	4	2,056	9.93	21.80
	5	3,480	16.80	38.60
	6	4,122	19.90	58.49
Completely satisfied	7	2,012	9.71	68.21
	.c	2,833	13.68	81.88
	.m	3,488	16.84	98.72
	.s	265	1.28	100.00
Total		20,715	100.00	

M11125_2008

Subjective Satisfaction with Health		Freq.	Percent	Cum.
Not satisfied at all	1	426	2.11	2.11
	2	516	2.56	4.67
	3	1,175	5.82	10.49
	4	1,843	9.13	19.63
	5	3,573	17.71	37.33
	6	4,085	20.25	57.58
Completely satisfied	7	1,858	9.21	66.79
	.c	2,676	13.26	80.05
	.m	3,794	18.80	98.86
	.s	231	1.14	100.00
Total		20,177	100.00	

Comparable Variables BHPS

Variable Name M11126XX

Variable Label Self-Rated Health Status

Survey/Created S

Reliability 1

Unit of Observation I

Description This variable indicates how the respondent thinks of their own health, with the most positive response being "Excellent" and the most negative response being "Very Poor."

Method

Format: .M = Item non-response
.S = Survey non-response

Unweighted Statistics

1991-1998, 2000-2007 algorithm: (XX=91-98,00-07, w=a-h,j-q)

M11126XX = wHLSTAT
If wHLSTAT<0 and wIVFIO ne . then M11126XX =.m
If wHLSTAT<0 and wIVFIO eq . then M11126XX =.s

1999 algorithm: *Note that in wave I (1999) the health questions changed so that the variables ;
*are not strictly comparable. See the BHPS codebooks for details;
if ihlsfl in (1,2) then M11126_1999 =1;
else if ihlsfl=3 then M11126_1999 =2;
else if ihlsfl=4 then M11126_1999 =3;
else if ihlsfl=5 then M11126_1999 =4;

All waves:
if M11126XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24)
or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then M11126XX =.c;
if M11126XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24)
or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then M11126XX =.m;
if M11126XX eq . and wIVFIO eq . then M11126XX =.s;

M11126_1991				
Self-Rated Health Status		Freq.	Percent	Cum.
Excellent	1	2,930	21.17	21.17
Good	2	4,613	33.33	54.50
Fair	3	1,853	13.39	67.89
Poor	4	641	4.63	72.52
Very poor	5	219	1.58	74.10
	.c	3,091	22.33	96.44
	.m	493	3.56	100.00
Total		13,840	100.00	

M11126_1992				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	2,609	19.84	19.84
Good	2	4,554	34.63	54.47
Fair	3	1,831	13.92	68.39
Poor	4	650	4.94	73.33
Very poor	5	194	1.48	74.81
.c		2,893	22.00	96.81
.m		420	3.19	100.00

Total		13,151	100.00	

M11126_1993				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	2,400	18.32	18.32
Good	2	4,535	34.61	52.92
Fair	3	1,862	14.21	67.13
Poor	4	629	4.80	71.93
Very poor	5	169	1.29	73.22
.c		2,843	21.70	94.92
.m		666	5.08	100.00

Total		13,104	100.00	

M11126_1994				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	2,237	17.41	17.41
Good	2	4,554	35.44	52.84
Fair	3	1,890	14.71	67.55
Poor	4	631	4.91	72.46
Very poor	5	161	1.25	73.71
.c		1,935	15.06	88.77
.m		1,443	11.23	100.00

Total		12,851	100.00	

M11126_1995				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	2,077	16.55	16.55
Good	2	4,462	35.56	52.11
Fair	3	1,910	15.22	67.33
Poor	4	617	4.92	72.24
Very poor	5	176	1.40	73.65
.c		1,885	15.02	88.67
.m		1,422	11.33	100.00

Total		12,549	100.00	

M11126_1996				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	2,149	16.89	16.89
Good	2	4,509	35.45	52.34
Fair	3	1,943	15.28	67.62
Poor	4	655	5.15	72.77
Very poor	5	179	1.41	74.17
.c		1,923	15.12	89.29
.m		1,362	10.71	100.00

Total		12,720	100.00	

M11126_1997				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	2,669	17.74	17.74
Good	2	5,015	33.34	51.08
Fair	3	2,371	15.76	66.85
Poor	4	806	5.36	72.20
Very poor	5	328	2.18	74.39
.c		2,547	16.93	91.32
.m		1,306	8.68	100.00

Total		15,042	100.00	

M11126_1998				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	2,358	15.89	15.89
Good	2	5,101	34.38	50.28
Fair	3	2,263	15.25	65.53
Poor	4	879	5.93	71.46
Very poor	5	297	2.00	73.46
.c		2,288	15.42	88.88
.m		1,649	11.12	100.00

Total		14,835	100.00	

M11126_1999				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	7,168	33.24	33.24
Good	2	4,847	22.48	55.71
Fair	3	2,414	11.19	66.91
Poor	4	755	3.50	70.41
.c		3,725	17.27	87.68
.m		2,657	12.32	100.00

Total		21,566	100.00	

M11126_2000				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	3,310	15.32	15.32
Good	2	7,162	33.15	48.48
Fair	3	3,443	15.94	64.42
Poor	4	1,246	5.77	70.18
Very poor	5	435	2.01	72.20
.c		3,236	14.98	87.18
.m		2,770	12.82	100.00

Total		21,602	100.00	

M11126_2001				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	4,605	17.32	17.32
Good	2	8,278	31.14	48.46
Fair	3	3,952	14.86	63.32
Poor	4	1,550	5.83	69.15
Very poor	5	466	1.75	70.91
	.c	4,387	16.50	87.41
	.m	3,348	12.59	100.00

Total		26,586	100.00	

M11126_2002				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	3,978	16.97	16.97
Good	2	7,388	31.53	48.50
Fair	3	3,467	14.79	63.29
Poor	4	1,378	5.88	69.17
Very poor	5	384	1.64	70.81
	.c	3,769	16.08	86.90
	.m	3,071	13.10	100.00

Total		23,435	100.00	

M11126_2003				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	3,824	16.94	16.94
Good	2	7,354	32.58	49.52
Fair	3	3,434	15.21	64.73
Poor	4	1,288	5.71	70.44
Very poor	5	331	1.47	71.90
	.c	3,567	15.80	87.70
	.m	2,776	12.30	100.00

Total		22,574	100.00	

M11126_2004				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	3,675	16.61	16.61
Good	2	7,333	33.14	49.75
Fair	3	3,227	14.58	64.33
Poor	4	1,235	5.58	69.91
Very poor	5	311	1.41	71.32
	.c	3,100	14.01	85.33
	.m	3,246	14.67	100.00

Total		22,127	100.00	

M11126_2005				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	3,540	16.29	16.29
Good	2	7,394	34.03	50.32
Fair	3	3,242	14.92	65.24
Poor	4	1,123	5.17	70.40
Very poor	5	309	1.42	71.83
	.c	3,007	13.84	85.66
	.m	3,115	14.34	100.00

Total		21,730	100.00	

M11126_2006				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	3,901	18.24	18.24
Good	2	6,966	32.57	50.81
Fair	3	3,068	14.34	65.15
Poor	4	1,100	5.14	70.29
Very poor	5	356	1.66	71.96
	.c	2,918	13.64	85.60
	.m	3,080	14.40	100.00

Total		21,389	100.00	

M11126_2007				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	3,599	17.37	17.37
Good	2	6,832	32.98	50.35
Fair	3	3,084	14.89	65.24
Poor	4	1,044	5.04	70.28
Very poor	5	311	1.50	71.78
	.c	2,833	13.68	85.46
	.m	3,012	14.54	100.00

Total		20,715	100.00	

M11126_2008				
Self-Rated				
Health Status		Freq.	Percent	Cum.
Excellent	1	3,195	15.83	15.83
Good	2	6,853	33.96	49.80
Fair	3	3,030	15.02	64.82
Poor	4	1,087	5.39	70.20
Very poor	5	248	1.23	71.43
	.c	2,676	13.26	84.70
	.m	3,088	15.30	100.00

Total		20,177	100.00	

Comparable Variables BHPS

Variable Name P11101\$\$

Variable Label Satisfaction With Life Today

Survey/Created S

Reliability 1

Unit of Observation I

Description This variable indicates overall satisfaction with life at the time of the survey for all individuals in the household 16 years of age and older. It is found in wINDRESP files.

Method Transcribe P11101_xxxx = wLFSATO

P11101_1996

satisfaction with: life overall	Freq.	Percent	Cum.
missing	105	1.11	1.11
proxy and or phone	301	3.19	4.30
not satisfied at all	143	1.52	5.82
2	217	2.30	8.12
3	527	5.58	13.70
4	1,315	13.93	27.63
5	2,540	26.91	54.55
6	2,821	29.89	84.44
completely satisfied	1,469	15.56	100.00
Total	9,438	100.00	

P11101_1997

satisfaction with: life overall	Freq.	Percent	Cum.
missing	239	2.14	2.14
proxy and or phone	365	3.26	5.40
refused	1	0.01	5.41
not satisfied at all	190	1.70	7.10
2	254	2.27	9.37
3	642	5.74	15.11
4	1,496	13.37	28.47
5	2,954	26.39	54.86
6	3,344	29.88	84.74
completely satisfied	1,708	15.26	100.00
Total	11,193	100.00	

P11101_1998

satisfaction with: life overall	Freq.	Percent	Cum.
missing	184	1.69	1.69
proxy and or phone	358	3.28	4.97
not satisfied at all	137	1.26	6.23
2	189	1.73	7.96
3	563	5.16	13.12
4	1,305	11.97	25.09
5	3,102	28.44	53.53
6	3,403	31.20	84.73
completely satisfied	1,665	15.27	100.00
Total	10,906	100.00	

P11101_1999			
satisfaction with: life overall	Freq.	Percent	Cum.
missing	416	2.66	2.66
proxy and or phone	435	2.78	5.45
refused	1	0.01	5.45
not satisfied at all	270	1.73	7.18
2	374	2.39	9.58
3	918	5.88	15.45
4	2,179	13.95	29.40
5	4,002	25.62	55.02
6	4,710	30.15	85.16
completely satisfied	2,318	14.84	100.00
Total	15,623	100.00	

P11101_2000			
satisfaction with: life overall	Freq.	Percent	Cum.
missing	399	2.56	2.56
proxy and or phone	522	3.35	5.90
refused	1	0.01	5.91
not answered	1	0.01	5.92
not satisfied at all	231	1.48	7.40
2	341	2.19	9.58
3	938	6.01	15.59
4	2,285	14.64	30.24
5	4,356	27.92	58.16
6	4,426	28.37	86.52
completely satisfied	2,103	13.48	100.00
Total	15,603	100.00	

P11101_2002			
satisfaction with: life overall	Freq.	Percent	Cum.
missing	539	3.25	3.25
proxy and or phone	889	5.36	8.60
refused	3	0.02	8.62
not answered	7	0.04	8.66
not satisfied at all	240	1.45	10.11
2	309	1.86	11.97
3	896	5.40	17.37
not satis/dissat	2,065	12.44	29.81
5	4,405	26.54	56.35
6	4,902	29.54	85.89
completely satisfied	2,342	14.11	100.00
Total	16,597	100.00	

P11101_2003			
satisfaction with: life overall	Freq.	Percent	Cum.
missing or wild	431	2.65	2.65
proxy and or phone	891	5.49	8.14
refused	4	0.02	8.17
not answered	16	0.10	8.26
not satisfied at all	246	1.51	9.78
2	302	1.86	11.64
3	822	5.06	16.70
not satis/dissat	1,963	12.09	28.79
5	4,220	25.99	54.78
6	5,086	31.32	86.10
completely satisfied	2,257	13.90	100.00
Total	16,238	100.00	

P11101_2004			
satisfaction with: life overall	Freq.	Percent	Cum.
missing or wild	479	3.03	3.03
proxy and or phone	1,014	6.42	9.45
refused	2	0.01	9.47
not answered	8	0.05	9.52
not satisfied at all	184	1.17	10.68
2	332	2.10	12.79
3	888	5.62	18.41
not satis/dissat	1,917	12.14	30.55
5	4,184	26.50	57.05
6	4,754	30.11	87.15
completely satisfied	2,029	12.85	100.00
Total	15,791	100.00	

P11101_2005			
satisfaction with: life overall	Freq.	Percent	Cum.
missing or wild	514	3.29	3.29
proxy and or phone	310	1.99	5.28
refused	4	0.03	5.30
not answered	6	0.04	5.34
not satisfied at all	236	1.51	6.85
2	339	2.17	9.02
3	928	5.94	14.96
not satis/dissat	2,152	13.78	28.74
5	4,498	28.80	57.55
6	4,703	30.11	87.66
completely satisfied	1,927	12.34	100.00
Total	15,617	100.00	

P11101_2006			
satisfaction with: life overall	Freq.	Percent	Cum.
missing or wild	655	4.26	4.26
proxy and or phone	300	1.95	6.20
not answered	2	0.01	6.22
not satisfied at all	159	1.03	7.25
2	302	1.96	9.21
3	935	6.07	15.29
not satis/dissat	1,971	12.81	28.09
5	4,352	28.27	56.37
6	4,820	31.31	87.68
completely satisfied	1,896	12.32	100.00
Total	15,392	100.00	

P11101_2007			
satisfaction with: life overall	Freq.	Percent	Cum.
missing or wild	496	3.33	3.33
proxy and or phone	265	1.78	5.12
not answered	7	0.05	5.16
not satisfied at all	187	1.26	6.42
2	283	1.90	8.32
3	826	5.55	13.88
not satis/dissat	1,888	12.69	26.57
5	4,147	27.88	54.45
6	4,922	33.09	87.55
completely satisfied	1,852	12.45	100.00
Total	14,873	100.00	

P11101_2008			
satisfaction with: life overall	Freq.	Percent	Cum.
missing or wild	767	5.32	5.32
proxy and or phone	231	1.60	6.92
not answered	4	0.03	6.95
not satisfied at all	158	1.10	8.04
2	257	1.78	9.83
3	762	5.28	15.11
not satis/dissat	1,759	12.20	27.31
5	4,202	29.14	56.45
6	4,592	31.85	88.30
completely satisfied	1,687	11.70	100.00
Total	14,419	100.00	

Comparable Variables BHPS

Variable Name W11101XX

Variable Label Cross-Sectional Weight - Respondent Individual

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates the cross-sectional sample weight for individuals who responded to the survey.

Method Individual weights compensate for unequal probabilities of selection and sample attrition and are necessary to obtain population based statistics. The weights included here are those needed to treat each wave of the BHPS as a cross-section. These weights allow, therefore, for the inclusion of new sample members. The BHPS also produces a longitudinal weight that is nonzero only for those individuals who have been panel members and answered surveys in all waves. For a more comprehensive discussion of how weights are constructed in the BHPS, refer to Part 5 of Volume A of the BHPS User Manual, "Introduction, Technical Report and Appendices."

Format: .M= Item non-response
.S = Survey non-response
The original survey variable provided below can be found in wINDRESP files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)

W11101XX = wxrwght

if W11101XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then W11101XX =.c;

if W11101XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then W11101XX =.m;

if W11101XX eq . and wIVFIO eq . then W11101XX =.s;

variable	N	mean
W11101_1991	0	.
W11101_1992	13151	.72
W11101_1993	13104	.69
W11101_1994	12851	.70
W11101_1995	12549	.70
W11101_1996	12720	.72
W11101_1997	15042	.60
W11101_1998	14835	.60
W11101_1999	21566	.41
W11101_2000	21602	.40
W11101_2001	26586	.32
W11101_2002	23435	.35
W11101_2003	22574	.36
W11101_2004	22127	.36
W11101_2005	21730	.36
W11101_2006	21389	.36
W11101_2007	20715	.37
W11101_2008	20177	.44

Comparable Variables BHPS

Variable Name W11102XX

Variable Label Household Weight

Survey/Created S

Reliability 1

Unit of Observation H

Description Indicates the household's sample weight.

Method The household weight is produced by the BHPS survey staff.

For a more comprehensive discussion of how weights are constructed in the BHPS, refer to Part 5 of Volume A of the BHPS User Manual, "Introduction, Technical Report and Appendices."

Format: .M = Item non-response
.S = Survey non-response
The original survey variable provided below can be found in WHHSAMP files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991 algorithm: (XX=91, w=a)
W11102XX = WHHWGHT

1992-2007 algorithm: (XX=92-07, w=b-q)
W11102XX=wXHWGHT

All waves:

```
If W11102XX<0 and wHID>0 then W11102XX=.m
If W11102XX<0 and wHID<0 then W11102XX=.s
if W11102XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24)
or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then W11102XX =.c;
if W11102XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24)
or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then W11102XX =.m;
if W11102XX eq . and wIVFIO eq . then W11102XX =.s;
```

variable	N	mean
W11102_1991	13840	.98
W11102_1992	13151	1.00
W11102_1993	13104	1.00
W11102_1994	12851	1.00
W11102_1995	12549	1.00
W11102_1996	12718	1.00
W11102_1997	15040	.83
W11102_1998	14833	.83
W11102_1999	21563	.57
W11102_2000	21600	.56
W11102_2001	26584	.45
W11102_2002	23432	.51
W11102_2003	22571	.52
W11102_2004	22124	.52
W11102_2005	21726	.53
W11102_2006	21386	.57
W11102_2007	20712	.53
W11102_2008	20177	.59

Comparable Variables BHPS

Variable Name W11103XX

Variable Label Longitudinal Weight - Respondent Individual

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates the sample weight for each individual who responded to each survey.

Method In the BHPS, the longitudinal weight is nonzero for cases that responded in all waves of the data.

For a more comprehensive discussion of how weights are constructed in the BHPS, refer to Part 5 of Volume A of the BHPS User Manual, "Introduction, Technical Report and Appendices."

Format: .M = Item non-response
.S = Survey non-response
The original survey variable provided below can be found in wINDRESP files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
W11103XX = wLRWGHT
if W11103XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then W11103XX =.c;
if W11103XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then W11103XX =.m;
if W11103XX eq . and wIVFIO eq . then W11103XX =.s;

variable	N	mean
W11103_1991	0	.
W11103_1992	13151	.66
W11103_1993	13104	.60
W11103_1994	12851	.59
W11103_1995	12549	.57
W11103_1996	12720	.56
W11103_1997	15042	.46
W11103_1998	14835	.45
W11103_1999	21566	.30
W11103_2000	21602	.29
W11103_2001	26586	.23
W11103_2002	23435	.25
W11103_2003	22574	.25
W11103_2004	22127	.25
W11103_2005	21730	.24
W11103_2006	21389	.24
W11103_2007	20715	.24
W11103_2008	20177	.23

Comparable Variables BHPS

Variable Name W11104XX

Variable Label Population Factor for use with W11101XX (cross-sectional weight of respondent individuals)

Survey/Created C

Reliability 1

Unit of Observation I

Description Population factor scales up the weights to be representative of the total population in Britain in a given year.

Method The population factor is computed by dividing the total civilian population in the UK (for a better match with the BHPS sample, the population numbers before 2001 exclude Northern Ireland. From 2001 onwards Northern Ireland is included) by the sum of individual weights over the entire sample for a given year. Population statistics are taken from the Office of National Statistics website listing population estimates for each year. Those estimates can be found at: www.statistics.gov.uk/statbase/

This variable should be used in combination with the individual weight to obtain the number of people in the population who have a particular attribute.

Example: W1110184 * W1110484

Format: .M = Item non-response
.S = Survey non-response
The original survey variables provided below can be found in the WINDRESP files.
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm:

```

W11104_1991=55,831,000/sum of AXRWGHT over all individuals
W11104_1992=55,955,000/sum of BXRWGHT over all individuals
W11104_1993=56,078,000/sum of CXRWGHT over all individuals
W11104_1994=56,218,000/sum of DXRWGHT over all individuals
W11104_1995=56,376,000/sum of EXRWGHT over all individuals
W11104_1996=56,503,000/sum of FXRWGHT over all individuals
W11104_1997=56,643,000/sum of GXRWGHT over all individuals
W11104_1998=56,797,000/sum of HXRWGHT over all individuals
W11104_1999=57,005,000/sum of IXRWGHT over all individuals
W11104_2000=57,203,000/sum of JXRWGHT over all individuals
W11104_2001=59,113,000/sum of KXRWGHT over all individuals
W11104_2002=59,324,000/sum of LXRWGHT over all individuals
W11104_2003=59,557,000/sum of MXRWGHT over all individuals
W11104_2004=59,845,000/sum of NXRWGHT over all individuals
W11104_2005=60,239,000/sum of OXRWGHT over all individuals
W11104_2006=60,588,000/sum of PXRWGHT over all individuals
W11104_2007=60,975,000/sum of QXRWGHT over all individuals
if W11104XX eq . and wIVFIO ne .and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24)
    or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then W11104XX =.c;
if W11104XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24)
    or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then W11104XX =.m;
if W11104XX eq . and wIVFIO eq . then W11104XX =.s;

```

variable	N	mean
W11104_1991	0	.
W11104_1992	13151	5915.5
W11104_1993	13104	6210.9
W11104_1994	12851	6205.8
W11104_1995	12549	6394.0
W11104_1996	12720	6196.2
W11104_1997	15042	6230.7
W11104_1998	14835	6381.8
W11104_1999	21566	6508.7
W11104_2000	21602	6631.5
W11104_2001	26586	6939.8
W11104_2002	23435	7151.2
W11104_2003	22574	7296.3
W11104_2004	22127	7510.3
W11104_2005	21730	7650.9
W11104_2006	21389	7763.2
W11104_2007	20715	8016.0
W11104_2008	20177	6893.7

Comparable Variables BHPS

Variable Name W11107XX
Variable Label Cross-Sectional Weight - Enumerated Individual
Survey/Created S
Reliability 1
Unit of Observation I

Description Indicates the cross-sectional sample weight for individuals who were enumerated to be interviewed in each survey.

Method Individual weights compensate for unequal probabilities of selection and sample attrition and are necessary to obtain population based statistics. The weights included here are those needed to treat each wave of the BHPS as a cross-section. These weights allow, therefore, for the inclusion of new sample members. The BHPS also produces a longitudinal weight that is nonzero only for those individuals who were enumerated to be interviewed in all waves. For a more comprehensive discussion of how weights are constructed in the BHPS, refer to Part 5 of Volume A of the BHPS User Manual, "Introduction, Technical Report and Appendices."

Format: .M = Item non-response
.S = Survey non-response
The original survey variable provided below can be found in WINDALL files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)

W11107XX = wxewght

```
if W11107XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24)
    or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then W11107XX =.c;
if W11107XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24)
    or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then W11107XX =.m;
if W11107XX eq . and wIVFIO eq . then W11107XX =.s;
```

variable	N	mean
W11107_1991	13840	1.00
W11107_1992	13151	1.00
W11107_1993	13104	1.00
W11107_1994	12851	1.00
W11107_1995	12549	1.00
W11107_1996	12720	1.00
W11107_1997	15042	.83
W11107_1998	14835	.83
W11107_1999	21566	.57
W11107_2000	21602	.56
W11107_2001	26586	.45
W11107_2002	23435	.51
W11107_2003	22574	.52
W11107_2004	22127	.52
W11107_2005	21730	.53
W11107_2006	21389	.57
W11107_2007	20715	.53
W11107_2008	20177	.59

Comparable Variables BHPS

Variable Name W11108XX

Variable Label Longitudinal Weight - Enumerated Individual

Survey/Created S

Reliability 1

Unit of Observation I

Description Indicates the sample weight for each individual who was enumerated to be interviewed in each survey.

Method In the BHPS, the enumerated longitudinal weight is nonzero for cases that were enumerated in all waves of the data. For a more comprehensive discussion of how weights are constructed in the BHPS, refer to Part 5 of Volume A of the BHPS User Manual, "Introduction, Technical Report and Appendices."

Format: .M = Item non-response
.S = Survey non-response
The original survey variable provided below can be found in WINDRESP files. This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm: (XX=91-07, w=a-q)
W11108XX = wLEWGHT
if W11108XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24) or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then W11108XX =.c;
if W11108XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24) or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then W11108XX =.m;
if W11108XX eq . and wIVFIO eq . then W11108XX =.s;

variable	N	mean
W11108_1991	0	.
W11108_1992	13151	.94
W11108_1993	13104	.89
W11108_1994	12851	.87
W11108_1995	12549	.84
W11108_1996	12720	.80
W11108_1997	15042	.66
W11108_1998	14835	.66
W11108_1999	21566	.44
W11108_2000	21602	.43
W11108_2001	26586	.34
W11108_2002	23435	.38
W11108_2003	22574	.38
W11108_2004	22127	.38
W11108_2005	21730	.38
W11108_2006	21389	.38
W11108_2007	20715	.38
W11108_2008	20177	.38

Comparable Variables BHPS

Variable Name W11109XX

Variable Label Population Factor for use with W11103XX (longitudinal weight of respondent individuals)

Survey/Created C

Reliability 1

Unit of Observation I

Description Population factor scales up the weights on individuals who responded to each wave of the survey so that they are representative of the total population in Britain in the final year of data used.

Method The population factor is computed by dividing the total civilian population in the UK by the sum of individual weights over the entire sample for a given year. Population statistics are taken from the Office of National Statistics website listing population estimates for each year (for a better match with the BHPS sample, the population numbers before 2001 exclude Northern Ireland. From 2001 onwards Northern Ireland is included). Those estimates can be found at: www.statistics.gov.uk/statbase/
This variable should be used in combination with the individual weight to obtain the number of people in the population who have a particular attribute.

Example: W 1110184 * W1110484

Format: .M = Item non-response
.S = Survey non-response
The original survey variables provided below can be found in the WINDRESP files.
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm:

```

W11109_1991=55,831,000/sum of ALRWGHT over all individuals
W11109_1992=55,955,000/sum of BLRWGHT over all individuals
W11109_1993=56,078,000/sum of CLRWGHT over all individuals
W11109_1994=56,218,000/sum of DLRWGHT over all individuals
W11109_1995=56,376,000/sum of ELRWGHT over all individuals
W11109_1996=56,503,000/sum of FLRWGHT over all individuals
W11109_1997=56,643,000/sum of GLRWGHT over all individuals
W11109_1998=56,797,000/sum of HLRWGHT over all individuals
W11109_1999=57,005,000/sum of ILRWGHT over all individuals
W11109_2000=57,203,000/sum of JLRWGHT over all individuals
W11109_2001=59,113,000/sum of KLRWGHT over all individuals
W11109_2002=59,324,000/sum of LLRWGHT over all individuals
W11109_2003=59,557,000/sum of MLRWGHT over all individuals
W11109_2004=59,845,000/sum of NLRWGHT over all individuals
W11109_2005=60,239,000/sum of OLRWGHT over all individuals
W11109_2006=60,588,000/sum of PLRWGHT over all individuals
W11109_2007=60,975,000/sum of QLRWGHT over all individuals
if W11109XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24)
    or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then W11109XX =.c;
if W11109XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24)
    or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then W11109XX =.m;
if W11109XX eq . and wIVFIO eq . then W11109XX =.s;

```

variable	N	mean
W11109_1991	0	.
W11109_1992	13151	6311.9
W11109_1993	13104	6930.0
W11109_1994	12851	7280.2
W11109_1995	12549	7744.0
W11109_1996	12720	7899.2
W11109_1997	15042	8096.5
W11109_1998	14835	8337.2
W11109_1999	21566	8597.7
W11109_2000	21602	8926.8
W11109_2001	26586	9654.3
W11109_2002	23435	10100.0
W11109_2003	22574	10446.0
W11109_2004	22127	10865.0
W11109_2005	21730	11280.0
W11109_2006	21389	11631.0
W11109_2007	20715	12139.0
W11109_2008	20177	12934.0

Comparable Variables BHPS

Variable Name W11110XX

Variable Label Population Factor for use with W11107XX (cross-sectional weight of enumerated individuals)

Survey/Created C

Reliability 1

Unit of Observation I

Description Population factor scales up the weights attached to enumerated individuals so their characteristics are representative of the total population in Britain in a given year.

Method The population factor is computed by dividing the total civilian population in the UK by the sum of the cross-sectional enumerated individual weights over the entire sample for a given year. Population statistics are taken from the Office of National Statistics website listing population estimates for each year (for a better match with the BHPS sample, the population numbers before 2001 exclude Northern Ireland. From 2001 onwards Northern Ireland is included). Those estimates can be found at: www.statistics.gov.uk/statbase/
This variable should be used in combination with the individual weight to obtain the number of people in the population who have a particular attribute.

Example: W 1110184 * W1110484

Format: .M = Item non-response
.S = Survey non-response
The original survey variables provided below can be found in the wINDALL files.
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm:

```

W11110_1991=55,831,000/sum of AXEWGHT over all individuals
W11110_1992=55,955,000/sum of BXEWGHT over all individuals
W11110_1993=56,078,000/sum of CXEWGHT over all individuals
W11110_1994=56,218,000/sum of DXEWGHT over all individuals
W11110_1995=56,376,000/sum of EXEWGHT over all individuals
W11110_1996=56,503,000/sum of FXEWGHT over all individuals
W11110_1997=56,643,000/sum of GXEWGHT over all individuals
W11110_1998=56,797,000/sum of HXEWGHT over all individuals
W11110_1999=57,005,000/sum of IXEWGHT over all individuals
W11110_2000=57,203,000/sum of JXEWGHT over all individuals
W11110_2001=59,113,000/sum of KXEWGHT over all individuals
W11110_2002=59,324,000/sum of LXEWGHT over all individuals
W11110_2003=59,557,000/sum of MXEWGHT over all individuals
W11110_2004=59,845,000/sum of NXEWGHT over all individuals
W11110_2005=60,239,000/sum of OXEWGHT over all individuals
W11110_2006=60,588,000/sum of PXEWGHT over all individuals
W11110_2007=60,975,000/sum of QXEWGHT over all individuals
if W11110XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO in (20,24)
    or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then W11110XX =.c;
if W11110XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24)
    or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then W11110XX =.m;
if W11110XX eq . and wIVFIO eq . then W11110XX =.s;

```

variable	N	mean
W11110_1991	13840	4034.0
W11110_1992	13151	4254.8
W11110_1993	13104	4281.1
W11110_1994	12851	4377.0
W11110_1995	12549	4499.6
W11110_1996	12720	4456.8
W11110_1997	15042	4534.4
W11110_1998	14835	4594.9
W11110_1999	21566	4674.6
W11110_2000	21602	4723.3
W11110_2001	26586	4892.7
W11110_2002	23435	4969.8
W11110_2003	22574	5108.7
W11110_2004	22127	5176.2
W11110_2005	21730	5271.8
W11110_2006	21389	4990.2
W11110_2007	20715	5529.1
W11110_2008	20177	5163.9

Comparable Variables BHPS

Variable Name W11111XX

Variable Label Population Factor for use with W11108XX (longitudinal weight of enumerated individuals)

Survey/Created C

Reliability 1

Unit of Observation I

Description Population factor scales up the weights attached to individuals enumerated in each wave of the survey to be representative of the total population in Britain for the year of last data used.

Method The population factor is computed by dividing the total civilian population in the UK by the sum of weights of individuals enumerated in all waves over the entire sample for a given year. Population statistics are taken from the Office of National Statistics website listing population estimates for each year (for a better match with the BHPS sample, the population numbers before 2001 exclude Northern Ireland. From 2001 onwards Northern Ireland is included). Those estimates can be found at: www.statistics.gov.uk/statbase/
This variable should be used in combination with the individual weight to obtain the number of people in the population who have a particular attribute.

Example: W 1110184 * W1110484

Format: .M = Item non-response
.S = Survey non-response
The original survey variables provided below can be found in the WINDRESP files.
This algorithm omits individuals with survey non-responses.

Unweighted Statistics

1991-2007 algorithm:

```

W11111_1991=55,831,000/sum of ALEWGHTover all individuals
W11111_1992=55,955,000/sum of BLEWGHT over all individuals
W11111_1993=56,078,000/sum of CLEWGHT over all individuals
W11111_1994=56,218,000/sum of DLEWGHT over all individuals
W11111_1995=56,376,000/sum of ELEWGHT over all individuals
W11111_1996=56,503,000/sum of FLEWGHT over all individuals
W11111_1997=56,643,000/sum of GLEWGHT over all individuals
W11111_1998=56,797,000/sum of HLEWGHT over all individuals
W11111_1999=57,005,000/sum of ILEWGHT over all individuals
W11111_2000=57,203,000/sum of JLEWGHT over all individuals
W11111_2001=59,113,000/sum of KLEWGHTover all individuals
W11111_2002=59,324,000/sum of LLEWGHT over all individuals
W11111_2003=59,557,000/sum of MLEWGHT over all individuals
W11111_2004=59,845,000/sum of NLEWGHT over all individuals
W11111_2005=60,239,000/sum of OLEWGHT over all individuals
W11111_2006=60,588,000/sum of PLEWGHT over all individuals
W11111_2007=60,975,000/sum of QLEWGHT over all individuals
if W11111XX eq . and wIVFIO ne . and (AIVFIO eq 7 or BIVFIO eq 20 or CIVFIO eq 20 or DIVFIO in (20,24)
    or EIVFIO in (20,24) ... or QIVFIO in (20,24)) then W11111XX =.c;
if W11111XX eq . and wIVFIO ne . and (AIVFIO ne 7 or BIVFIO ne 20 or CIVFIO ne 20 or DIVFIO ne (20,24)
    or EIVFIO ne (20,24) ... or QIVFIO ne (20,24)) then W11111XX =.m;
if W11111XX eq . and wIVFIO eq . then W11111XX =.s;

```

variable	N	mean
W11111_1991	0	.
W11111_1992	13151	4225.9
W11111_1993	13104	4569.6
W11111_1994	12851	4748.5
W11111_1995	12549	5098.7
W11111_1996	12720	5391.5
W11111_1997	15042	5518.6
W11111_1998	14835	5647.4
W11111_1999	21566	5774.2
W11111_2000	21602	5946.9
W11111_2001	26586	6316.2
W11111_2002	23435	6490.1
W11111_2003	22574	6658.4
W11111_2004	22127	6856.4
W11111_2005	21730	7050.9
W11111_2006	21389	7250.9
W11111_2007	20715	7458.4
W11111_2008	20177	7693.2

Comparable Variables BHPS

Variable Name X11101XX

Variable Label Unique Person Number

Survey/Created S

Reliability 1

Unit of Observation I

Description This variable provides unique identification for each individual ever surveyed in the BHPS.

Method Set equal to PID provided in BHPS.

Format: N/A

The original survey variable provided below can be found in the WINDALL files.

Unweighted Statistics

1991-2008 algorithm:
X11101XX=PID

variable	N	mean
X11101_1991	13840	14717078
X11101_1992	13151	15359627
X11101_1993	13104	16264388
X11101_1994	12851	17535035
X11101_1995	12549	18968866
X11101_1996	12720	20979456
X11101_1997	15042	31922063
X11101_1998	14835	33237130
X11101_1999	21566	54790812
X11101_2000	21602	57180082
X11101_2001	26586	70513563
X11101_2002	23435	69586803
X11101_2003	22574	70773079
X11101_2004	22127	72136375
X11101_2005	21730	74356368
X11101_2006	21389	76618895
X11101_2007	20715	78500497
X11101_2008	20177	80555516

Comparable Variables BHPS
Variable Name X11102XX
Variable Label Household Identification Number
Survey/Created S
Reliability 1
Unit of Observation H
Description This variable links individuals to the households they were living in at the time of the interview.
Method The BHPS provides yearly household identification numbers.
Format: N/A
 The original variables can be found on the WHHSAMP and WINDRESP files.

Unweighted Statistics

1991-2008 algorithm: (XX=91-07, w=a-q)
 X11101XX=wHID

variable	N	mean
X11102_1991	13840	1393165
X11102_1992	13151	2495368
X11102_1993	13104	3453993
X11102_1994	12851	4454903
X11102_1995	12549	5448580
X11102_1996	12720	6446544
X11102_1997	15040	7455029
X11102_1998	14833	8421262
X11102_1999	21564	9301647
X11102_2000	21602	10322032
X11102_2001	26584	11457626
X11102_2002	23433	12421168
X11102_2003	22571	13412578
X11102_2004	22124	14422276
X11102_2005	21727	15416823
X11102_2006	21386	16411540
X11102_2007	20712	17408284
X11102_2008	20177	18403587

Comparable Variables BHPS

Variable Name X11103XX

Variable Label Individual in Household at Survey

Survey/Created C

Reliability 1

Unit of Observation I

Description Indicates whether an individual was living in the household at the time of the interview.

Method Individuals who are members of a household at the time of the survey are given a 1. Individuals who moved out of a BHPS household, died, or moved to school, prison, nursing home, or some other institution are considered to be out of the sample and are given a 0.

Format: 0= No
1= Yes
The original survey variables provided below can be found in the WINDALL files.

Unweighted Statistics

1991-2007 algorithm:
if wIVFIO not missing then X11103XX=1;

variable	N	mean
X11103_1991	13840	1
X11103_1992	13151	1
X11103_1993	13104	1
X11103_1994	12851	1
X11103_1995	12549	1
X11103_1996	12720	1
X11103_1997	15042	1
X11103_1998	14835	1
X11103_1999	21566	1
X11103_2000	21602	1
X11103_2001	26586	1
X11103_2002	23435	1
X11103_2003	22574	1
X11103_2004	22127	1
X11103_2005	21730	1
X11103_2006	21389	1
X11103_2007	20715	1
X11103_2008	20177	1

Comparable Variables BHPS

Variable Name X11104XX

Variable Label Oversample Identifier

Survey/Created S

Reliability 1

Unit of Observation I

Description This variable indicates the origin of a survey member

Method

Format:

- 31 = ESSEX BHPS
- 32 = ECHP - SCPR BHPS
- 33 = ECHP - ONS BHPS
- 34 = ECHP - NI BHPS
- 35 = Wales new sample BHPS
- 36 = Scotland new sample BHPS

Unweighted Statistics

1991-2007 algorithm:
 If wMEMORIG=1 then X11104XX=31
 If wMEMORIG=2 then X11104XX=32
 If wMEMORIG=3 then X11104XX=33
 If wMEMORIG=4 then X11104XX=34
 If wMEMORIG=5 then X11104XX=35
 If wMEMORIG=6 then X11104XX=36

X11104LL_1991

Sample subpopulation identifier	Freq.	Percent	Cum.
ESSEX BHPS 31	13,192	95.32	95.32
.m	648	4.68	100.00
Total	13,840	100.00	

X11104LL_1992

Sample subpopulation identifier	Freq.	Percent	Cum.
ESSEX BHPS 31	12,502	95.07	95.07
.m	649	4.93	100.00
Total	13,151	100.00	

X11104LL_1993

Sample subpopulation identifier	Freq.	Percent	Cum.
ESSEX BHPS 31	12,492	95.33	95.33
.m	612	4.67	100.00
Total	13,104	100.00	

X11104LL_1994				
Sample subpopulation identifier		Freq.	Percent	Cum.
ESSEX BHPS	31	12,358	96.16	96.16
.m		493	3.84	100.00
Total		12,851	100.00	
X11104LL_1995				
Sample subpopulation identifier		Freq.	Percent	Cum.
ESSEX BHPS	31	12,224	97.41	97.41
.m		325	2.59	100.00
Total		12,549	100.00	
X11104LL_1996				
Sample subpopulation identifier		Freq.	Percent	Cum.
ESSEX BHPS	31	12,720	100.00	100.00
Total		12,720	100.00	
X11104LL_1997				
Sample subpopulation identifier		Freq.	Percent	Cum.
ESSEX BHPS	31	12,552	83.45	83.45
ECHP - SCPR BHPS	32	1,128	7.50	90.95
ECHP - ONS BHPS	33	1,023	6.80	97.75
ECHP - NI BHPS	34	339	2.25	100.00
Total		15,042	100.00	
X11104LL_1998				
Sample subpopulation identifier		Freq.	Percent	Cum.
ESSEX BHPS	31	12,461	84.00	84.00
ECHP - SCPR BHPS	32	1,081	7.29	91.28
ECHP - ONS BHPS	33	996	6.71	98.00
ECHP - NI BHPS	34	297	2.00	100.00
Total		14,835	100.00	
X11104LL_1999				
Sample subpopulation identifier		Freq.	Percent	Cum.
ESSEX BHPS	31	12,336	57.20	57.20
ECHP - SCPR BHPS	32	1,009	4.68	61.88
ECHP - ONS BHPS	33	976	4.53	66.41
ECHP - NI BHPS	34	273	1.27	67.67
Wales new sample BHPS	35	3,577	16.59	84.26
Scotland new sample BHPS	36	3,395	15.74	100.00
Total		21,566	100.00	

X11104LL_2000

Sample subpopulation identifier	Freq.	Percent	Cum.
ESSEX BHPS 31	12,254	56.73	56.73
ECHP - SCPR BHPS 32	1,000	4.63	61.36
ECHP - ONS BHPS 33	957	4.43	65.79
ECHP - NI BHPS 34	236	1.09	66.88
Wales new sample BHPS 35	3,573	16.54	83.42
Scotland new sample BHPS 36	3,582	16.58	100.00
Total	21,602	100.00	

X11104LL_2001

Sample subpopulation identifier	Freq.	Percent	Cum.
ESSEX BHPS 31	12,234	46.02	46.02
ECHP - SCPR BHPS 32	980	3.69	49.70
ECHP - ONS BHPS 33	930	3.50	53.20
ECHP - NI BHPS 34	215	0.81	54.01
Wales new sample BHPS 35	3,523	13.25	67.26
Scotland new sample BHPS 36	3,516	13.23	80.49
.m	5,188	19.51	100.00
Total	26,586	100.00	

X11104LL_2002

Sample subpopulation identifier	Freq.	Percent	Cum.
ESSEX BHPS 31	12,134	51.78	51.78
Wales new sample BHPS 35	3,385	14.44	66.22
Scotland new sample BHPS 36	3,327	14.20	80.42
.m	4,589	19.58	100.00
Total	23,435	100.00	

X11104LL_2003

Sample subpopulation identifier	Freq.	Percent	Cum.
ESSEX BHPS 31	11,874	52.60	52.60
Wales new sample BHPS 35	3,313	14.68	67.28
Scotland new sample BHPS 36	3,177	14.07	81.35
.m	4,210	18.65	100.00
Total	22,574	100.00	

X11104LL_2004

Sample subpopulation identifier	Freq.	Percent	Cum.
ESSEX BHPS 31	11,803	53.34	53.34
Wales new sample BHPS 35	3,285	14.85	68.19
Scotland new sample BHPS 36	3,099	14.01	82.19
.m	3,940	17.81	100.00
Total	22,127	100.00	

X11104LL_2005				
Sample subpopulation				
identifier		Freq.	Percent	Cum.
ESSEX BHPS	31	11,700	53.84	53.84
Wales new sample BHPS	35	3,236	14.89	68.73
Scotland new sample BHPS	36	2,985	13.74	82.47
	.m	3,809	17.53	100.00
Total		21,730	100.00	

X11104LL_2006				
Sample subpopulation				
identifier		Freq.	Percent	Cum.
ESSEX BHPS	31	11,611	54.28	54.28
Wales new sample BHPS	35	3,246	15.18	69.46
Scotland new sample BHPS	36	2,882	13.47	82.94
	.m	3,650	17.06	100.00
Total		21,389	100.00	

X11104LL_2007				
Sample subpopulation				
identifier		Freq.	Percent	Cum.
ESSEX BHPS	31	11,374	54.91	54.91
Wales new sample BHPS	35	3,138	15.15	70.06
Scotland new sample BHPS	36	2,750	13.28	83.33
	.m	3,453	16.67	100.00
Total		20,715	100.00	

X11104LL_2008				
Sample subpopulation				
identifier		Freq.	Percent	Cum.
ESSEX BHPS	31	11,190	55.46	55.46
Wales new sample BHPS	35	3,009	14.91	70.37
Scotland new sample BHPS	36	2,706	13.41	83.78
	.m	3,272	16.22	100.00
Total		20,177	100.00	

Comparable Variables BHPS

Variable Name X11105XX

Variable Label Individual responded to the survey

Survey/Created C

Reliability 1

Unit of Observation I

Description Indicates whether an enumerated individual responded to the survey

Method Enumerated individuals who are members of a household at the time of the survey and who provided survey information are given a 1. Individuals who moved out of a BHPS household, died, or moved to school, prison, nursing home, or some other institution are considered to be out of the sample and are given a 0.

Format: 0= No
1= Yes
The original survey variables provided below can be found in the WINDALL files.

Unweighted Statistics

1991-2008 algorithm: (XX=91-07, w=a-q)
if wivfio in (1,2,3) then X11105XX=1;
else X11105XX=0;

X11105_1991

Individual responded to Survey		Freq.	Percent	Cum.
No	0	3,151	22.77	22.77
Yes	1	10,689	77.23	100.00
Total		13,840	100.00	

X11105_1992

Individual responded to Survey		Freq.	Percent	Cum.
No	0	3,306	25.14	25.14
Yes	1	9,845	74.86	100.00
Total		13,151	100.00	

X11105_1993

Individual responded to Survey		Freq.	Percent	Cum.
No	0	3,504	26.74	26.74
Yes	1	9,600	73.26	100.00
Total		13,104	100.00	

X11105_1994				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	3,370	26.22	26.22
Yes	1	9,481	73.78	100.00
Total		12,851	100.00	

X11105_1995				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	3,300	26.30	26.30
Yes	1	9,249	73.70	100.00
Total		12,549	100.00	

X11105_1996				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	3,282	25.80	25.80
Yes	1	9,438	74.20	100.00
Total		12,720	100.00	

X11105_1997				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	3,849	25.59	25.59
Yes	1	11,193	74.41	100.00
Total		15,042	100.00	

X11105_1998				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	3,929	26.48	26.48
Yes	1	10,906	73.52	100.00
Total		14,835	100.00	

X11105_1999				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	5,943	27.56	27.56
Yes	1	15,623	72.44	100.00
Total		21,566	100.00	

X11105_2000				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	5,999	27.77	27.77
Yes	1	15,603	72.23	100.00
Total		21,602	100.00	

X11105_2001				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	7,719	29.03	29.03
Yes	1	18,867	70.97	100.00
Total		26,586	100.00	

X11105_2002				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	6,838	29.18	29.18
Yes	1	16,597	70.82	100.00
Total		23,435	100.00	

X11105_2003				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	6,336	28.07	28.07
Yes	1	16,238	71.93	100.00
Total		22,574	100.00	

X11105_2004				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	6,336	28.63	28.63
Yes	1	15,791	71.37	100.00
Total		22,127	100.00	

X11105_2005				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	6,113	28.13	28.13
Yes	1	15,617	71.87	100.00
Total		21,730	100.00	

X11105_2006				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	5,997	28.04	28.04
Yes	1	15,392	71.96	100.00
Total		21,389	100.00	

X11105_2007				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	5,842	28.20	28.20
Yes	1	14,873	71.80	100.00
Total		20,715	100.00	

X11105_2008				
Individual responded to Survey				
		Freq.	Percent	Cum.
No	0	5,758	28.54	28.54
Yes	1	14,419	71.46	100.00
Total		20,177	100.00	

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