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CHANGES TO IDENTIFIERS
 LINKING TO WHO OR WHICH CHILD IN 1993
 VARIABLES WITH DECIMALS
 MISSING DATA VALUES

CHANGES TO IDENTIFIERS

A summary of variables dropped, added and renamed appears below. Please be aware of these changes as you use the codebook documentation, which has not been updated to reflect these changes.

Data File	Dropped	Added	Renamed
BR21	HHIDPN		
BOP21	HHIDPN	OPN	Now: PN1993 Was: PN
BHP21	HHIDPN	OPN BHLPTYPE	

Primary identifiers uniquely identify records in a file. Secondary identifiers are provided to facilitate merging with other files. The primary and secondary identifiers for each of the four data sets are listed in the table below.

Data File	Primary Identifiers	Secondary Identifiers
BHH21	HHID BSBH	
BR21	HHID PN	BSBH BSPN
BOP21	HHID BSBH OPN (new)	PN1993 (numeric; formerly PN)
BHP21	HHID PN OPN (new) BHLPTYPE (new)	HN (numeric)

To facilitate cross-wave merges the following changes have been made.

- The identification variables, except as noted above, are stored in character (string) format.
- OPN has been added to the other person file, BOP21.
- OPN and BHLPTYPE have been added to the helper file, BHP21.

The transformation algorithm for creating OPN from PN (now PN1993) in the other person file, BOP21 was:

```

opn = pn/10
if opn ge 12 or opn le 39 then opn = opn + 100
    
```

A similar transformation was made for HN in the helper file, BHP21. The effects of the transformation and the correspondence with OPN in subsequent waves are illustrated in the two tables below.

Other Person Files					
Year	1993		1995	1998	2000
File name	BOP21		A95PR_MC	H98PR_MC	H00PR_MC
Variable	PN1993	OPN	OPN	OPN	OPN
Non-resident children	120 - 330	112 - 133	112 - 126	112 - 127	112 - 131
Household members	410 - 470	041 - 047	041 - 047	041 - 047	041 - 047

Helper Files						
Year	1993			1995	1998	2000
File name	BHP21			A95E_HP	H98E_HP	H00E_HP
Variable	HN	OPN	BHLPTYPE	OPN	OPN	OPN
Spouse	021	020	0			036
Child of dead child	103	010	0			
All children	111	011	0			
Non-resident children	121 - 213	112 - 133	1=child 2=sp of child 3=gdchild 4= gdchild	112 - 121	112 - 124	112 - 128
Household members	411 - 451	041 - 047	1=child 2= sp of child 3= gdchild 4= gdchild	041 - 046	041 - 046	041 - 046
Other not on list	821 - 901	082 - 090	1=other 3=gdchild or spouse	061 - 079	021 - 035	021 - 035

The OPN ranges do not distinguish household residency after 1993. OPNs for children and household members, in the range of 041 - 049 and 112 - 139, can be merged across time. OPNs of helpers not in those ranges, others not on list and for spouses in 1993 or 2000, should not be matched across waves.

LINKING TO WHO OR WHICH CHILD IN 1993

“Who” or “which child” variables, listed below, may be matched with, as appropriate,

- PN1993, PERSON NUMBER 1993, or

○ HN, HELPER NUMBER.

For compactness, only the first multiple mention variable in a series of multiple mention variables, those whose name ends in "A1", is listed in the table below. PN1993, HN, and all the variables in the listings below use numeric storage mode.

BHH21

V1107A1	F27b. CHILD ON DEED-1
V1151A1	WHICH CHILD OWNS HOME-1
V1603	J45a-1. CASH ASST: FROM WHICH CHILD-1
V1615	J45a-2. CASH ASST: FROM WHICH CHILD-2
V1627	J45a-3. CASH ASST: FROM WHICH CHILD-3
V1777A1	K19b. TRUST: FOR WHICH CHILD?-1
V1891A1	R14. R TERM LIFE INS: WHICH CHILD BEN-1
V1899A1	R17. R WHOLE LIFE INS: WHICH CHILD BEN-1
V1907A1	R21. SP TERM LIFE INS: WHICH CHILD BEN-1
V1916A1	R24. SP WHOLE LIFE INS:WHICH CHILD BEN-1
V1920A1	R28. OTH DECISION MAKER: WHICH CHILD-1
V474A1	D39. DEED TO WHICH CHILD-1
V479A1	D40a. WHICH CHILD/GRKID PARENT \$5K/+ -1
V495	D42. WHO LARGEST \$ >\$500 PAST 12 MOS-1
V507	D45. WHO LARGEST \$ >\$500 PAST 12 MOS-2
V519	D48. WHO LARGEST \$ >\$500 PAST 12 MOS-3
V526	D51. WHO LARGEST \$ >\$500 PAST 12 MOS-4
V537	D53a.WHO LARGEST \$ >\$500 PAST 12 MOS-5
V549	D55a. PARENT OF CARED GRANDKID
V748A1	E29. WHICH CHILD HELP PAY MED-1

BHP21

V1001	E69. HELPER: WHICH CHILD HELP PAY
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BR21

V1010	E70b. WHICH CHILD HELP PERSONAL CARE FUT
V1294A1	H9c. MOVE IN WITH/CLOSER TO CHILD-1
V1693A1	J56b. R WILL: WHICH CHILD-1
V2195	M7-11b. DAY-DAY AFFAIRS WHICH CHILD
V2198	M7-12b. SVGS/INVESTMENTS WHICH CHILD
V2201	M7-13b. MAJOR DECISIONS WHICH CHILD
V775	E34. WALK WHO HELPS
V783	E36. DRESS WHO HELPS
V791	E38. BATHE WHO HELPS
V799	E40. EAT WHO HELPS
V805	E42. IN/OUT BED-WHO HELPS
V823	E45. TOILET WHO HELPS
V913	E54. IADLS-WHO HELPS MOST OFTEN
V924	E55a.IADLS WHO OTHER HELPER
V950	E58. MONEY WHO HELPS

VARIABLES WITH DECIMALS

For variables with decimals, the number of decimals retained is listed below. Previously these variables were stored as floating-point or real variables. In creating ASCII data files, we have retained what we believe to be an appropriate number of decimals. However, results may vary slightly from the earlier SAS system or transport datasets; we believe any differences will be trivial.

Number of decimals	Variable name	Variable label
In BHH21		
2	V527X	IMP: D52. HOW MUCH \$ TO CHILD-4
2	V538X	IMP: D54. HOW MUCH \$ TO CHILD-5
5	WTHHNORM	CENTERED HOUSEHOLD WEIGHT
2	WTHHPOP	HOUSEHOLD POPULATION WEIGHT
In BOP21		
2	FVALTIF	FACE VALUE TERM INS FROM FEMALE R
2	FVALTIM	FACE VALUE TERM INS FROM MALE R
2	FVALWIF	FACE VALUE WHOLE INS FROM FEMALE R
2	FVALWIM	FACE VALUE WHOLE INS FROM MALE R
2	GIVEMEDD	\$ MEDICAL EXPENSES PAID
2	HELP1YRX	\$ GIVEN BY R IN LAST 12 MONTHS - IMP
2	PREMTIF	ANNUAL PREMIUM TERM INS OF FEMALE R
2	PREMTIM	ANNUAL PREMIUM TERM INS OF MALE R
2	PREMWIF	ANNUAL PREMIUM WHOLE INS OF FEMALE R
2	PREMWIM	ANNUAL PREMIUM WHOLE INS OF MALE R
1	TIMEHELP	TOTAL TIME HELPED PER WEEK
2	WHOHELPT	RELATION OF HELPER TO EITHER R
In BR21		
2	BMI	BODY MASS INDEX (QUETELET)
1	V607	E3. # NIGHTS IN HOSPITAL LAST 12 MOS
2	V2265	TOTAL INTERVIEW TIME IN MINUTES
5	WTRNORM	CENTERED RESPONDENT WEIGHT
2	WTRPOP	RESPONDENT POPULATION WEIGHT

MISSING DATA VALUES

Missing data codes that appear as '.' in the codebooks have been converted to blanks in the ASCII data. They will be converted to missing data when system files are created.

The codebooks also include letters as missing data codes, for example, .D, .R, etc. These values have been converted to numeric values in the ASCII data.

- The numeric value used for .D (DK – don't know) is a field of 9's with the 8 as the final digit.
- The numeric value used for .R (RF – refused) is a field of 9's.

These are the only letter missing data codes used in BR21 and BHP21. In BHH21 and BOP21 additional letter missing data codes are used. The numeric equivalents of the letter missing data codes for any variable that uses a letter missing data code other than .D or .R are listed below. See the codebooks for the meaning of these special missing data codes.

Missing data statements to convert the numeric values to letter values for SAS and to system missing for SPSS and Stata are included in the program statements.

BHH21

V1047X IMP: F6a. HOUSING: COMMUNITY/ASSN FEE

99997 is equivalent to .F
 99998 is equivalent to .D
 99999 is equivalent to .R

V1069X IMP: F11a. MOBILE HOME: PARK ASSN FEE

9997 is equivalent to .F
 9998 is equivalent to .D
 9999 is equivalent to .R

V1108 F28. REAL ESTATE TAX: \$ LAST YEAR

999997 is equivalent to .A
 999998 is equivalent to .D
 999999 is equivalent to .R

V1108C CATEG: F28. REAL ESTATE TAX: \$ LAST YEAR

97 is equivalent to .A
 98 is equivalent to .D
 99 is equivalent to .R

V1108X IMP: F28. REAL ESTATE TAX: \$ LAST YEAR

999997 is equivalent to .A
 999998 is equivalent to .D
 999999 is equivalent to .R

V1115 F29. HOME INS AMOUNT LAST YEAR

99996 is equivalent to .A
 99997 is equivalent to .B
 99998 is equivalent to .D
 99999 is equivalent to .R

V1115C CATEG: F29. HOME INS AMOUNT LAST YEAR

96 is equivalent to .A

97 is equivalent to .B

98 is equivalent to .D

99 is equivalent to .R

V1115X IMP: F29. HOME INS AMOUNT LAST YEAR

99996 is equivalent to .A

99997 is equivalent to .B

99998 is equivalent to .D

99999 is equivalent to .R

V1122 F31. YEAR MORTGAGE PAID OFF

9997 is equivalent to .A

9998 is equivalent to .D

9999 is equivalent to .R

V1123X IMP: F32. AMOUNT MORTGAGE PAYMENT

999997 is equivalent to .F

999998 is equivalent to .D

999999 is equivalent to .R

V1128X IMP: F35a. AMOUNT SECOND MORTGAGE PMT

999997 is equivalent to .F

999998 is equivalent to .D

999999 is equivalent to .R

V1133X IMP: F37a. AMOUNT OTHER LOAN PMT

999997 is equivalent to .F

999998 is equivalent to .D

999999 is equivalent to .R

V1155 F43. \$ UTILITIES LAST MONTH

9997 is equivalent to .B

9998 is equivalent to .D

9999 is equivalent to .R

V1155C CATEG: F43. \$ UTILITIES LAST MONTH

97 is equivalent to .B

98 is equivalent to .D

99 is equivalent to .R

V1155X IMP: F43. \$ UTILITIES LAST MONTH

9997 is equivalent to .B

9998 is equivalent to .D

9999 is equivalent to .R

V1401R J4f. SS: SP SSA CALC \$-MONTHLY

9995 is equivalent to .F
9996 is equivalent to .J
9997 is equivalent to .M
9998 is equivalent to .D
9999 is equivalent to .R

V1408R J5e. SS: R SSA CALC \$ - MONTHLY

9995 is equivalent to .F
9996 is equivalent to .J
9997 is equivalent to .M
9998 is equivalent to .D
9999 is equivalent to .R

V1471R J25a-1. IF R DIES: \$ REG INC SP-MONTH-1

99993 is equivalent to .F
99994 is equivalent to .J
99995 is equivalent to .M
99996 is equivalent to .P
99997 is equivalent to .S
99998 is equivalent to .D
99999 is equivalent to .R

V1489R J25a-2. IF R DIES: \$ REG INC SP-MONTH-2

9994 is equivalent to .F
9995 is equivalent to .J
9996 is equivalent to .M
9997 is equivalent to .S
9998 is equivalent to .D
9999 is equivalent to .R

V1506R J25a-3. IF R DIES: \$ REG INC SP-MONTH-3

9995 is equivalent to .F
9996 is equivalent to .J
9997 is equivalent to .M
9998 is equivalent to .D
9999 is equivalent to .R

V1531R J35a-1. IF SP DIES: \$ REG INC R-MONTH-1

9995 is equivalent to .F
9996 is equivalent to .J
9997 is equivalent to .M
9998 is equivalent to .D
9999 is equivalent to .R

V1553R J35a-2. IF SP DIES: \$ REG INC R-MONTH-2

9995 is equivalent to .F

9996 is equivalent to .J

9997 is equivalent to .M

9998 is equivalent to .D

9999 is equivalent to .R

V1574R J35a-3. IF SP DIES: \$ REG INC R-MONTH-3

996 is equivalent to .F

997 is equivalent to .J

998 is equivalent to .D

999 is equivalent to .R

BOP21

BENETIF BENEFICIARY OF TERM INS BY FEMALE R

7 is equivalent to .N

8 is equivalent to .D

9 is equivalent to .R

BENETIM BENEFICIARY OF TERM INS BY MALE R

7 is equivalent to .N

8 is equivalent to .D

9 is equivalent to .R

BENEWIF BENEFICIARY OF WHOLE INS BY FEMALE R

7 is equivalent to .N

8 is equivalent to .D

9 is equivalent to .R

BENEWIM BENEFICIARY OF WHOLE INS BY MALE R

7 is equivalent to .N

8 is equivalent to .D

9 is equivalent to .R

FVALTIF FACE VALUE TERM INS FROM FEMALE R

999997 is equivalent to .N

999998 is equivalent to .D

999999 is equivalent to .R

FVALTIM FACE VALUE TERM INS FROM MALE R

999997 is equivalent to .N

999998 is equivalent to .D

999999 is equivalent to .R

FVALWIF FACE VALUE WHOLE INS FROM FEMALE R

999997 is equivalent to .N
999998 is equivalent to .D
999999 is equivalent to .R

FVALWIM FACE VALUE WHOLE INS FROM MALE R

9999997 is equivalent to .N
9999998 is equivalent to .D
9999999 is equivalent to .R

PREMTIF ANNUAL PREMIUM TERM INS OF FEMALE R

99997 is equivalent to .N
99998 is equivalent to .D
99999 is equivalent to .R

PREMTIM ANNUAL PREMIUM TERM INS OF MALE R

99997 is equivalent to .N
99998 is equivalent to .D
99999 is equivalent to .R

PREMWIF ANNUAL PREMIUM WHOLE INS OF FEMALE R

999997 is equivalent to .N
999998 is equivalent to .D
999999 is equivalent to .R

PREMWIM ANNUAL PREMIUM WHOLE INS OF MALE R

99997 is equivalent to .N
99998 is equivalent to .D
99999 is equivalent to .R