National Center for Health Statistics
Data Linkage

NCHS-HUD Linked Data

Data Dictionary

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Introduction

The National Center for Health Statistics (NCHS) has developed a record linkage program designed to maximize the scientific value of the Center's population-based surveys. In a collaboration between NCHS and the U.S. Department of Housing and Urban Development (HUD), data for participants from two population-based health surveys (the National Health and Nutrition Examination Survey and National Health Interview Survey) were linked to data from HUD administrative records. These data, collectively referred to as the NCHS-HUD Linked Data, enable researchers to examine the health and well-being of individuals who receive HUD housing assistance.

Data used in this linkage were from the following population-based NCHS health surveys and years:

- National Health Interview Survey (NHIS), years: 1999-2012;
- National Health and Nutrition Examination Survey (NHANES), cycles: 1999-2000, 2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009-2010, 2011-2012.

These data were linked to administrative records for HUD's three largest housing assistance programs, Multifamily (MF), Public Housing (PH), and Housing Choice Vouchers (HCV). The HUD administrative files contain housing, income, and program participation data for recipients of MF, PH, and HCV programs in all 50 states and the District of Columbia. HUD administrative records for MF program transactions that occurred between June 30th, 1996 and December 31, 2014 were included in the data linkage, and PH and HCV transactions occurring between December 1, 1999 and December 31, 2014 were included in the data linkage.

This document provides background information on the two NCHS surveys, HUD rental housing assistance programs, HUD administrative data, and the linkage process, and general data considerations and analytic guidelines for researchers using the restricted-use NCHS-HUD linked data are described within.

Data Documentation

The Data Dictionary is one of two documents comprising the Data Documentation for the NCHS-HUD linked data. This document contains details about the variables on the file, and is organized into four sections:

Sections	Contains…
Abbreviation List	important abbreviations repeated throughout the document
File Summary	summary of each file contained in the NCHS-HUD linked data
Variable Summary	summary of each variable in the NCHS-HUD linked data
Variable Details	details of each variable NCHS-HUD linked data, including the HUD data sources

The second document in the Data Documentation is entitled "*Analytic Considerations and Guidelines for the NCHS-HUD Linked Data*" (henceforth referred to as the *Analytic Guidelines*) and contains specific details about HUD rental assistance programs, HUD data sources, the data linkage process, as well as important data and analytic considerations for using the linked data files.

For more information or questions about the NCHS-HUD linked data, please visit the data linkage website http://www.cdc.gov/nchs/data_access/data_linkage_activities.htm or contact the NCHS Special Projects Branch at datalinkage@cdc.gov. For more information about HUD programs, please also refer to the HUD website at: http://www.huduser.gov.

Abbreviation List

A list of abbreviations is provided below:

HCV	Housing Choice Voucher Program
HUD	Department of Housing and Urban Development
MF	Multifamily Program
MTW PIC	Moving to Work Public & Indian Housing (PIH) Information Center
MTW HCV	MTW Housing Choice Voucher Program
MTW MF	MTW Multifamily Program
MTW PH	MTW Public Housing Program
NCHS	National Center for Health Statistics
NHANES	National Health and Nutrition Examination Survey
NHIS	National Health Interview Survey
PH	Public Housing Program
PIC	Public & Indian Housing (PIH) Information Center
TRACS	Tenant Rental Assistance Certification System

File Summary

Files	Universe	Description
Feasibility: 1)1999-2012 NHIS-HUD 2)1999-2012 NHANES-HUD	All 1999-2012 NHIS and 1999-2012 NHANES survey respondents	To assist researchers interested in performing sample size and power calculations for potential analyses, NCHS created two feasibility study files for each linked survey file. These files contain information about linkage eligibility, and indicators for program participation for each 1999-2012 NHIS and 1999-2012 NHANES respondent. More information about using the feasibility study files to determine sample size is found in the *Analytic Guidelines* (Section 9: Analytic Considerations).
Transaction	All 1999-2012 NHIS and 1999-2012 NHANES respondents who linked to HUD administrative data	The transaction file contains a record for each transaction of the linked 1999-2012 NHIS-HUD and 1999-2012 NHANES-HUD respondents. As noted in the *Analytic Guidelines* (Section 6, Linkage Eligibility), transactions for child respondents were removed if the transaction occurred after the child's 18th birthday.
Episode_dates	All 1999-2012 NHIS and 1999-2012 NHANES respondents who linked to HUD administrative data	There are a total of seven episode files that contain start and end dates for participation episodes in various programs based on the transaction data and assumptions about reasonable intervals between transactions. Most recipients are required to recertify each year, and consequently, a transaction is expected each year. However, specific HUD programs (for instance, MTW) have longer intervals between recertifications. Details about the construction of the episode files are provided in the *Analytic Guidelines* (Section 9: Analytic Considerations).
Episode_dates_mtw_hcv	Linked respondents with at least one MTW Housing Choice Vouchers transaction	
Episode_dates_mtw_ph	Linked respondents with at least one MTW Public Housing transaction	
Episode_dates_other_mf	Linked respondents with at least one Other Multi-family transaction	
Episode_dates_pbs8	Linked respondents with at least one Multi-family Project Based Section 8 transaction	
Episode_dates_ph	Linked respondents with at least one Public Housing transaction	
Episode_dates_hcv	Linked respondents with at least one Housing Choice Vouchers transaction	

Files	Universe	Description
Concurrency	All 1999-2012 NHIS and 1999-2012 NHANES respondents who linked to HUD administrative data	The concurrency file contains variables related to timing of HUD participation relative to the timing of the NCHS survey. Specifically, indicator variables for receipt of HUD housing assistance at the time of the survey, the type of HUD housing assistance received, and the amount of time between the last and the next transaction. Details about how the concurrency variables can be used to identify respondents receiving HUD housing assistance at interview are provided in the *Analytic Guidelines* (Section 9 Analytic Considerations).
Weights	All 1999-2012 NHIS and 1999-2012 respondents	The NHIS and NHANES are designed to be nationally representative. However, not all NCHS survey respondents are eligible for linkage. Therefore, specific weights have been designed to be used in the analyses of these surveys when using the linked data. A single weights file contains a single record for all respondents of 1999-2012 NHIS and 1999-2012 NHANES survey, and contains various sample weights adjusted for linkage eligibility. Details about the adjusted survey weights are provided in the *Analytic Guidelines* (Section 9 Analytic Considerations).

Variable Summary

Variable Summary: Feasibility Files (1999-2012 NHIS-HUD, 1999-2012 NHANES-HUD)

Page no.	Variable Name	Variable Label	Variable Type	Variable Length
1	PUBLICID[a]	NHIS PUBLIC ID	CHAR	14
2	SEQN[b]	NHANES SEQUENCE NUMBER	NUM	5
3	SURVEY_NAME	SURVEY NAME	CHAR	16
4	HUD_MATCH_STATUS	NCHS-HUD MATCH STATUS	NUM	3
5	EVER_HCV	EVER LINKED TO HCV	NUM	3
6	EVER_HUD	EVER LINKED TO HUD	NUM	3
7	EVER_MF	EVER LINKED TO MF	NUM	3
8	EVER_PH	EVER LINKED TO PH	NUM	3

[a] available only in the1999-2012 NHIS-HUD linked data
[b] available only in the1999-2012 NHANES-HUD linked data

Variable Summary: Transaction File

Page no.	Variable Name	Variable Label	Variable Type	Variable Length
9	PUBLICID[a]	NHIS PUBLIC ID	CHAR	14
10	SEQN[b]	NHANES SEQUENCE NUMBER	NUM	5
11	SURVEY_NAME	SURVEY NAME	CHAR	16
12	ACCESSIBILITY_REQUESTED_IND	HOUSEHOLD REQUESTED ACCESSIBILITY FEATURES	NUM	8
13	ADJUSTED_A_INCOME_HH	ANNUAL HOUSEHOLD INCOME ADJUSTED FOR ALLOWANCES AND DEDUCTIONS	NUM	8
14	ADMISSION_DATE	DATE OF ADMISSION	NUM	8
15	ADULT18_21_CNT	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 18 TO 21	NUM	8
16	ADULT22_25_CNT	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 22 TO 25	NUM	8
17	ADULT26_35_CNT	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 26 TO 35	NUM	8
18	ADULT36_49_CNT	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 36 TO 49	NUM	8
19	ADULT50_61_CNT	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 50 TO 61	NUM	8
20	ADULT62_85_CNT	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 62 TO 85	NUM	8
21	ADULT85P_CNT	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 86 AND OVER	NUM	8
22	AGE_COHEAD	AGE OF CO-HEAD AT CERTIFICATION	NUM	8
23	AGE_HEAD	AGE OF HEAD AT CERTIFICATION	NUM	8
24	AGE_MBR	IDENTIFIED MEMBER AGE	NUM	8
25	AGE_SPOUSE	AGE OF HEAD OF HOUSEHOLD'S SPOUSE AT CERTIFICATION	NUM	8
26	AIDE_CNT	COUNT OF LIVE-IN AIDES	NUM	8
27	ASSISTANCE_PAYMENT	AMOUNT OF MONEY HUD PAYS FOR THE RENT AND UTILITIES OF THE UNIT	NUM	8
28	CHILD_DISABLED_CNT	DISABLED CHILD COUNT	NUM	8
29	CHILD00_03_CNT	NUMBER OF CHILDREN AGED 0 TO 3 YEARS	NUM	8
30	CHILD04_05_CNT	NUMBER OF CHILDREN AGED 4 TO 5 YEARS	NUM	8
31	CHILD06_12_CNT	NUMBER OF CHILDREN AGED 6 TO 12 YEARS	NUM	8
32	CHILD13_17_CNT	NUMBER OF CHILDREN AGED 13 TO 17 YEARS	NUM	8
33	CITIZEN_CODE	CITIZENSHIP STATUS	CHAR	2
34	CONTRACT_RENT	CONTRACT RENT OF UNIT	NUM	8

[a] available only in the1999-2012 NHIS-HUD linked data
[b] available only in the1999-2012 NHANES-HUD linked data

Variable Summary: Transaction File

Page no.	Variable Name	Variable Label	Variable Type	Variable Length
35	DATE_ENTERED_WAITING_LIST	DATE HOUSEHOLD ENTERED THE WAITING LIST	NUM	8
36	DEDUC_CHILD_CARE	CHILD CARE ALLOWANCE AMOUNT	NUM	8
37	DEDUC_TOT_ALLOW	TOTAL ALLOWANCES OF THE HOUSEHOLD	NUM	8
38	DEDUC_DISABILITY_MED	DISABILITY OR MEDICAL ALLOWANCE	NUM	8
39	DEDUC_ELDERLY_DISABLE	ELDERLY OR DISABLED ALLOWANCE	NUM	8
40	DEDUC_TOT_DEPENDENT	AMOUNT OF REDUCTION IN TOTAL INCOME ALLOWED FOR DEPENDENTS	NUM	8
41	DEDUC_TOT_PERMISSIVE	PERMISSIVE DEDUCTIONS (TOTAL)	NUM	8
42	DISABLED_COHEAD	HOUSEHOLD'S CO-HEAD'S DISABILITY STATUS	NUM	8
43	DISABLED_HEAD	HOUSEHOLD'S HEAD'S DISABILITY STATUS	NUM	8
44	DISABLED_HOUSEHOLD	DISABLED HOUSEHOLD	NUM	8
45	DISABLED_MBR	MEMBER'S DISABILITY STATUS	NUM	8
46	DISABLED_SPOUSE	HOUSEHOLD'S SPOUSE'S DISABILITY STATUS	NUM	8
47	EFFECTIVE_DATE	EFFECTIVE DATE OF THE CURRENT TRANSACTION	NUM	8
48	ELDER_COHEAD	HOUSEHOLD'S CO-HEAD IS OVER AGE 61	NUM	8
49	ELDER_HEAD	HOUSEHOLD'S HEAD IS OVER AGE 61	NUM	8
50	ELDER_HOUSEHOLD	HOUSEHOLD'S HEAD, SPOUSE OR CO-HEAD IS OVER AGE 61	NUM	8
51	ELDER_SPOUSE	HOUSEHOLD'S SPOUSE IS OVER AGE 61	NUM	8
52	FOSTER_CHILDREN_CNT	NUMBER OF FOSTER CHILDREN IN THE HOUSEHOLD	NUM	8
53	FULL_TIME_STUDENT_CNT	NUMBER OF FULL TIME STUDENTS OVER AGE 17	NUM	8
54	GROSS_RENT	GROSS RENT	NUM	8
55	HOMELESS_IND	HOMELESS STATUS UPON ENTRANCE	NUM	8
56	IMPRD_HEARING	MEMBER OF HOUSEHOLD IS HEARING IMPAIRED	NUM	8
57	IMPRD_MOBILITY	MEMBER OF HOUSEHOLD IS MOBILITY IMPAIRED	NUM	8
58	IMPRD_VISUALLY	MEMBER OF HOUSEHOLD IS VISUALLY IMPAIRED	NUM	8
59	INCOME_OTHER_HH	TOTAL "OTHER" INCOME OF HOUSEHOLD	NUM	8
60	INCOME_OTHER_MBR	TOTAL "OTHER" INCOME OF IDENTIFIED MEMBER	NUM	8

[a] available only in the1999-2012 NHIS-HUD linked data
[b] available only in the1999-2012 NHANES-HUD linked data

Variable Summary: Transaction File

Page no.	Variable Name	Variable Label	Variable Type	Variable Length
61	INCOME_PENSION_HH	TOTAL PENSION INCOME OF HOUSEHOLD	NUM	8
62	INCOME_PENSION_MBR	TOTAL PENSION INCOME OF IDENTIFIED MEMBER	NUM	8
63	INCOME_TOTAL_HH	TOTAL INCOME OF HOUSEHOLD	NUM	8
64	INCOME_TOTAL_MBR	TOTAL INCOME OF IDENTIFIED MEMBER	NUM	8
65	INCOME_WAGE_HH	TOTAL WAGE INCOME OF HOUSEHOLD	NUM	8
66	INCOME_WAGE_MBR	TOTAL WAGE INCOME OF IDENTIFIED MEMBER	NUM	8
67	INCOME_WELFARE_HH	TOTAL WELFARE INCOME OF HOUSEHOLD	NUM	8
68	INCOME_WELFARE_MBR	TOTAL WELFARE INCOME OF IDENTIFIED MEMBER	NUM	8
69	NBR_BEDROOMS	NUMBER OF BEDROOMS IN THE UNIT	NUM	8
70	OTHER_ADULT_DISABLED_CNT	NUMBER OF DISABLED ADULTS IN THE UNIT WHO ARE NOT THE HEAD, SPOUSE, OR CO-HEAD	NUM	8
71	OWN_CHILDREN_CNT	COUNT OF "OWN" CHILDREN AND OTHER YOUTH RELATIVES	NUM	8
72	PORTABILITY_IND	THE HOUSEHOLD MOVED FROM A DIFFERENT PHA	CHAR	10
73	PROGRAM	PROGRAM CODE	CHAR	2
74	PROGRAM_TYPE	PROGRAM TYPE	CHAR	1
75	RELATIONSHIP	IDENTIFIED MEMBER'S HOUSEHOLD MEMBERSHIP/RELATIONSHIP TYPE	NUM	8
76	SEX_COHEAD	SEX OF CO-HEAD	NUM	8
77	SEX_HEAD	SEX OF HEAD	NUM	8
78	SEX_MBR	SEX OF IDENTIFIED MEMBER	NUM	8
79	SEX_SPOUSE	SEX OF SPOUSE	NUM	8
80	STRUCTURE_TYPE	UNIT'S BUILDING TYPE	NUM	8
81	TOT_A_INCOME	TOTAL ANNUAL INCOME OF THE HOUSEHOLD	NUM	8
82	TOT_HOUSEHOLD_MEMBERS	TOTAL NUMBER OF HOUSEHOLD MEMBERS	NUM	8
83	TOTAL_HOUSEHOLD_EXPENSES	TOTAL PAID BY EACH HOUSEHOLD	NUM	8
84	TRANSACTION_TYPE	TYPE OF TRANSACTION	NUM	8
85	TTP	TOTAL TENANT PAYMENT	NUM	8

[a] available only in the1999-2012 NHIS-HUD linked data
[b] available only in the1999-2012 NHANES-HUD linked data

Variable Summary: Transaction File

Page no.	Variable Name	Variable Label	Variable Type	Variable Length
86	UNIT_ACCESSIBLE_IND	UNIT IDENTIFIED AS ACCESSIBLE BY PHA	NUM	8
87	UTIL_ALLOW	UTILITY ALLOWANCE	NUM	8
88	VOUCHER_TYPE	VOUCHER TYPE	CHAR	3
89	YEAR_BUILT	THE YEAR THAT THE UNIT WAS BUILT	CHAR	12

Variable Summary: Episode Files

Page no.	Variable Name	Variable Label	Variable Type	Variable Length
90	PUBLICID[a]	NHIS PUBLIC ID	CHAR	14
91	SEQN[b]	NHANES SEQUENCE NUMBER	NUM	5
92	SURVEY_NAME	SURVEY NAME	CHAR	16
93	[PROGRAM]_beg_date1	[PROGRAM] BEGIN DATE-EPISODE 1	NUM	8
94	[PROGRAM]_beg_date2	[PROGRAM] BEGIN DATE-EPISODE 2	NUM	8
95	[PROGRAM]_beg_date3	[PROGRAM] BEGIN DATE-EPISODE 3	NUM	8
96	[PROGRAM]_beg_date4	[PROGRAM] BEGIN DATE-EPISODE 4	NUM	8
97	[PROGRAM]_beg_date5	[PROGRAM] BEGIN DATE-EPISODE 5	NUM	8
98	[PROGRAM]_beg_date6	[PROGRAM] BEGIN DATE-EPISODE 6	NUM	8
99	[PROGRAM]_beg_date7	[PROGRAM] BEGIN DATE-EPISODE 7	NUM	8
100	[PROGRAM]_beg_date8	[PROGRAM] BEGIN DATE-EPISODE 8	NUM	8
101	[PROGRAM]_beg_date9	[PROGRAM] BEGIN DATE-EPISODE 9	NUM	8
102	[PROGRAM]_beg_date10	[PROGRAM] BEGIN DATE-EPISODE 10	NUM	8
103	[PROGRAM]_end_date1	[PROGRAM] END DATE-EPISODE 1	NUM	8
104	[PROGRAM]_end_date2	[PROGRAM] END DATE-EPISODE 2	NUM	8
105	[PROGRAM]_end_date3	[PROGRAM] END DATE-EPISODE 3	NUM	8
106	[PROGRAM]_end_date4	[PROGRAM] END DATE-EPISODE 4	NUM	8
107	[PROGRAM]_end_date5	[PROGRAM] END DATE-EPISODE 5	NUM	8
108	[PROGRAM]_end_date6	[PROGRAM] END DATE-EPISODE 6	NUM	8
109	[PROGRAM]_end_date7	[PROGRAM] END DATE-EPISODE 7	NUM	8
110	[PROGRAM]_end_date8	[PROGRAM] END DATE-EPISODE 8	NUM	8
111	[PROGRAM]_end_date9	[PROGRAM] END DATE-EPISODE 9	NUM	8
112	[PROGRAM]_end_date10	[PROGRAM] END DATE-EPISODE 10	NUM	8

[a] available only in the1999-2012 NHIS-HUD linked data
[b] available only in the1999-2012 NHANES-HUD linked data

Variable Summary: Concurrency File

Page no.	Variable Name	Variable Label	Variable Type	Variable Length
113	PUBLICID[a]	NHIS PUBLIC ID	CHAR	14
114	SEQN[b]	NHANES SEQUENCE NUMBER	NUM	5
115	SURVEY_NAME	SURVEY NAME	CHAR	16
116	CON_STATEX_HCV[b]	CONCURRENCY BASED ON EXAMINATION DATE HCV	NUM	3
117	CON_STATEX_MF[b]	CONCURRENCY BASED ON EXAMINATION DATE MF	NUM	3
118	CON_STATEX_PH[b]	CONCURRENCY BASED ON EXAMINATION DATE PH	NUM	3
119	CON_STATIN_HCV	CONCURRENCY BASED ON INTERVIEW DATE HCV	NUM	3
120	CON_STATIN_MF	CONCURRENCY BASED ON INTERVIEW DATE MF	NUM	3
121	CON_STATIN_PH	CONCURRENCY BASED ON INTERVIEW DATE PH	NUM	3
122	CON_STATUS_EXM[b]	CONCURRENCY BASED ON EXAMDATE	NUM	3
123	CON_STATUS_INT	CONCURRENCY BASED ON INTERVIEW DATE	NUM	3
124	DT_LASTTRAN_ANY	DATE OF THE LAST TRANSACTION	NUM	8
125	DT_LASTTRAN_HCV	DATE OF THE LAST HCV TRANSACTION	NUM	8
126	DT_LASTTRAN_MF	DATE OF THE LAST MF TRANSACTION	NUM	8
127	DT_LASTTRAN_PH	DATE OF THE LAST PH TRANSACTION	NUM	8
128	EXM_HCV[b]	CONCURRENCY BASED ON EXAMINATION DATE NON-MTW HCV	NUM	3
129	EXM_MTW_HCV[b]	CONCURRENCY BASED ON EXAMINATION DATE MTW HCV	NUM	3
130	EXM_MTW_PH[b]	CONCURRENCY BASED ON EXAMINATION DATE MTW PH	NUM	3
131	EXM_OTHER_MF[b]	CONCURRENCY BASED ON EXAMINATION DATE OTHER MF	NUM	3
132	EXM_PBS8[b]	CONCURRENCY BASED ON EXAMINATION DATE PBS8	NUM	3
133	EXM_PH[b]	CONCURRENCY BASED ON EXAMINATION DATE NON-MTW PH	NUM	3
134	INT_HCV	CONCURRENCY BASED ON INTERVIEW DATE NON-MTW HCV	NUM	3
135	INT_MTW_HCV	CONCURRENCY BASED ON INTERVIEW DATE MTW HCV	NUM	3
136	INT_MTW_PH	CONCURRENCY BASED ON INTERVIEW DATE MTW PH	NUM	3
137	INT_OTHER_MF	CONCURRENCY BASED ON INTERVIEW DATE OTHER MF	NUM	3

[a] available only in the1999-2012 NHIS-HUD linked data
[b] available only in the1999-2012 NHANES-HUD linked data

Variable Summary: Concurrency File

Page no.	Variable Name	Variable Label	Variable Type	Variable Length
138	INT_PBS8	CONCURRENCY BASED ON INTERVIEW DATE PBS8	NUM	3
139	INT_PH	CONCURRENCY BASED ON INTERVIEW DATE NON-MTW PH	NUM	3
140	TIME_A_EXM[b]	NUMBER OF DAYS BETWEEN EXAMINATION AND NEXT TRANSACTION	NUM	8
141	TIME_A_HCV_EXM[b]	NUMBER OF DAYS BETWEEN EXAMINATION AND NEXT TRANSACTION HCV	NUM	8
142	TIME_A_MF_EXM[b]	NUMBER OF DAYS BETWEEN EXAMINATION AND NEXT TRANSACTION MF	NUM	8
143	TIME_A_PH_EXM[b]	NUMBER OF DAYS BETWEEN EXAMINATION AND NEXT TRANSACTION PH	NUM	8
144	TIME_B_EXM[b]	NUMBER OF DAYS BETWEEN EXAMINATION AND PREVIOUS TRANSACTION	NUM	8
145	TIME_B_HCV_EXM[b]	NUMBER OF DAYS BETWEEN EXAMINATION AND PREVIOUS TRANSACTION HCV	NUM	8
146	TIME_B_MF_EXM[b]	NUMBER OF DAYS BETWEEN EXAMINATION AND PREVIOUS TRANSACTION MF	NUM	8
147	TIME_B_PH_EXM[b]	NUMBER OF DAYS BETWEEN EXAMINATION AND PREVIOUS TRANSACTION PH	NUM	8
148	TIME_A_INT	NUMBER OF DAYS BETWEEN SURVEY AND NEXT TRANSACTION	NUM	8
149	TIME_A_HCV_INT	NUMBER OF DAYS BETWEEN SURVEY AND NEXT TRANSACTION HCV	NUM	8
150	TIME_A_MF_INT	NUMBER OF DAYS BETWEEN SURVEY AND NEXT TRANSACTION MF	NUM	8
151	TIME_A_PH_INT	NUMBER OF DAYS BETWEEN SURVEY AND NEXT TRANSACTION PH	NUM	8
152	TIME_B_INT	NUMBER OF DAYS BETWEEN SURVEY AND PREVIOUS TRANSACTION	NUM	8
153	TIME_B_HCV_INT	NUMBER OF DAYS BETWEEN SURVEY AND PREVIOUS TRANSACTION HCV	NUM	8
154	TIME_B_MF_INT	NUMBER OF DAYS BETWEEN SURVEY AND PREVIOUS TRANSACTION MF	NUM	8
155	TIME_B_PH_INT	NUMBER OF DAYS BETWEEN SURVEY AND PREVIOUS TRANSACTION PH	NUM	8

[a] available only in the1999-2012 NHIS-HUD linked data
[b] available only in the1999-2012 NHANES-HUD linked data

Variable Summary: Weights File

Page no.	Variable Name	Variable Label	Variable Type	Variable Length
156	PUBLICID[a]	NHIS PUBLIC ID	CHAR	14
157	SEQN[b]	NHANES SEQUENCE NUMBER	NUM	5
158	SURVEY_NAME	SURVEY NAME	CHAR	16
159	ADJ_INTWT[b]	ADJUSTED NHANES WEIGHT	NUM	8
160	ADJ_MECWT[b]	ADJUSTED NHANES MOBILE EXAMINATION CLINIC WEIGHT	NUM	8
161	ADJ_PERWT[a]	ADJUSTED NHIS PERSON WEIGHT	NUM	8
162	ADJ_SCWT[a]	ADJUSTED NHIS SAMPLE CHILD WEIGHT	NUM	8
163	ADJ_SAWT[a]	ADJUSTED NHIS SAMPLE ADULT WEIGHT	NUM	8

[a] available only in the1999-2012 NHIS-HUD linked data
[b] available only in the1999-2012 NHANES-HUD linked data

Variable Details

Variable Details: Feasibility Files (1999-2012 NHIS-HUD, 1999-2012 NHANES-HUD)

Variable Name	**PUBLICID**
Variable Label	NHIS PUBLIC ID
Variable Type and Length	CHARACTER 14
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	Identification variable
Notes	This is the identification variable for NHIS respondents and is only available in the NHIS-HUD linked data. For information on how to create PUBLICID from the public-use data, please refer to Appendix 1: Merging NCHS-HUD restricted-use data with NCHS public-use survey files.

Variable Details: Feasibility Files (1999-2012 NHIS-HUD, 1999-2012 NHANES-HUD)

Variable Name	**SEQN**
Variable Label	NHANES SEQUENCE NUMBER
Variable Type and Length	NUMERIC 5
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	Identification variable
Notes	This is the identification variable for NHANES respondents and is only available in the NHANES-HUD linked data.

Variable Details: Feasibility Files (1999-2012 NHIS-HUD, 1999-2012 NHANES-HUD)

Variable Name	**SURVEY_NAME**
Variable Label	SURVEY NAME
Variable Type and Length	CHARACTER 16
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	NHANES 1999-2000 NHANES 2001-2002 NHANES 2003-2004 NHANES 2005-2006 NHANES 2007-2008 NHANES 2009-2010 NHANES 2011-2012 NHIS 1999 NHIS 2000 NHIS 2001 NHIS 2002 NHIS 2003 NHIS 2004 NHIS 2005 NHIS 2006 NHIS 2007 NHIS 2008 NHIS 2009 NHIS 2010 NHIS 2011 NHIS 2012
Notes	This variable identifies the survey year/cycle for the respondent.

Variable Details: Feasibility Files (1999-2012 NHIS-HUD, 1999-2012 NHANES-HUD)

Variable Name	**HUD_MATCH_STATUS**
Variable Label	NCHS-HUD MATCH STATUS
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, transaction file
Data values	1 Linkage-eligible and linked to one or more years of the HUD administrative data. 2 Linkage-eligible and not linked to any year of the HUD administrative data. 3 Linkage-eligible and linked to one or more years of the HUD data AND a child survey respondent (less than 18 years of age at time of the survey) and turned 18 during the HUD administrative data coverage period. HUD administrative data are available prior to the respondent's 18th birthday but information indicating whether the child linked after the 18th birthday is not available. 9 Ineligible for HUD data linkage
Notes	This is a categorical variable to identify linkage-eligible respondents and match status.

Variable Details: Feasibility Files (1999-2012 NHIS-HUD, 1999-2012 NHANES-HUD)

Variable Name	**EVER_HCV**
Variable Label	EVER LINKED TO HCV
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	1 Yes 0 No
Notes	This is a binary variable to indicate that the respondent linked to the HUD administrative database and were receiving assistance through the HCV program at any time during the administrative period. This variable is one of four variables containing information about ever receiving HUD housing assistance. Related variables: EVER_HUD, EVER_MF, EVER_PH.

Variable Details: Feasibility Files (1999-2012 NHIS-HUD, 1999-2012 NHANES-HUD)

Variable Name	**EVER_HUD**
Variable Label	EVER LINKED TO HUD
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	1 Yes 0 No
Notes	This is a binary variable to indicate that the respondent linked to the HUD administrative database and were receiving assistance at any time during the administrative period. This variable is one of four variables containing information about ever receiving HUD housing assistance. Related variables: EVER_HCV, EVER_MF, EVER_PH.

Variable Details: Feasibility Files (1999-2012 NHIS-HUD, 1999-2012 NHANES-HUD)

Variable Name	**EVER_MF**
Variable Label	EVER LINKED TO MF
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	1 Yes 0 No
Notes	This is a binary variable to indicate that the respondent linked to the HUD administrative database and were receiving MF assistance at any time during the administrative period. This variable is one of four variables containing information about ever receiving HUD housing assistance. Related variables: EVER_HCV, EVER_HUD, EVER_PH.

Variable Details: Feasibility Files (1999-2012 NHIS-HUD, 1999-2012 NHANES-HUD)

Variable Name	**EVER_PH**
Variable Label	EVER LINKED TO PH
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	1 Yes 0 No
Notes	This is a binary variable to indicate that the respondent linked to the HUD administrative database and were receiving PH assistance at any time during the administrative period. This variable is one of four variables containing information about ever receiving HUD housing assistance. Related variables: EVER_HCV, EVER_HUD, EVER_MF.

Variable Details: Transaction File

Variable Name	**PUBLICID**
Variable Label	NHIS PUBLIC ID
Variable Type and Length	CHARACTER 14
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	Identification variable
Notes	This is the identification variable for NHIS respondents and is only available in the NHIS-HUD linked data. For information on how to create PUBLICID from the public-use data, please refer to Appendix 1: Merging NCHS-HUD restricted-use data with NCHS public-use survey files.

Variable Details: Transaction File

Variable Name	**SEQN**
Variable Label	NHANES SEQUENCE NUMBER
Variable Type and Length	NUMERIC 5
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	Identification variable
Notes	This is the identification variable for NHANES respondents and is only available in the NHANES-HUD linked data.

Variable Details: Transaction File

Variable Name	**SURVEY_NAME**
Variable Label	SURVEY NAME
Variable Type and Length	CHARACTER 16
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	NHANES 1999-2000 NHANES 2001-2002 NHANES 2003-2004 NHANES 2005-2006 NHANES 2007-2008 NHANES 2009-2010 NHANES 2011-2012 NHIS 1999 NHIS 2000 NHIS 2001 NHIS 2002 NHIS 2003 NHIS 2004 NHIS 2005 NHIS 2006 NHIS 2007 NHIS 2008 NHIS 2009 NHIS 2010 NHIS 2011 NHIS 2012
Notes	This variable identifies the survey year/cycle for the respondent.

Variable Details: Transaction File

Variable Name	**ACCESSIBILITY_REQUESTED_IND**
Variable Label	HOUSEHOLD REQUESTED ACCESSIBILITY FEATURES
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: N/A TRACS: N/A Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	This is a binary variable to indicate that the household requested accessibility features. The variable only applies to non-MTW PH. Missing values for non-MTW PH imply that the data were not available in the HUD administrative records. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**ADJUSTED_A_INCOME_HH**
Variable Label	ANNUAL HOUSEHOLD INCOME ADJUSTED FOR ALLOWANCES AND DEDUCTIONS
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-557305 Blank Missing
Notes	This variable is used to determine eligibility for housing assistance. This calculation is annual household income adjusted for allowances and deductions. Related variables: INCOME_TOTAL_HH, INCOME_OTHER_HH, INCOME_PENSION_HH, INCOME_WAGE_HH, INCOME_WELFARE_HH, INCOME_TOTAL_MBR, INCOME_OTHER_MBR, INCOME_PENSION_MBR, INCOME_WAGE_MBR, INCOME_WELFARE_MBR, TOT_A_INCOME Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**ADMISSION_DATE**
Variable Label	DATE OF ADMISSION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	9132-20088 (date: 01JAN85-31DEC14) Blank Missing
Notes	For the PH and the HCV Program, this is the admission date. For the MF programs, this is the move-in to unit date. Please note that this is a household-level variable. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Transaction File

Variable Name	**ADULT18_21_CNT**
Variable Label	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 18 TO 21
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-6
Notes	Seven variables provide counts of adults in a household in different age ranges: ADULT18_21_CNT, ADULT22_25_CNT, ADULT26_35_CNT, ADULT36_49_CNT, ADULT50_61_CNT, ADULT62_85_CNT, and ADULT85P_CNT. These counts include heads of household, spouses, co-heads, and any other adult living in the unit such as aunts, uncles or live-in caretakers. Related variables: ADULT22_25_CNT, ADULT26_35_CNT, ADULT36_49_CNT, ADULT50_61_CNT, ADULT62_85_CNT, ADULT85P_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**ADULT22_25_CNT**
Variable Label	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 22 TO 25
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-4
Notes	Seven variables provide counts of adults in a household in different age ranges: ADULT18_21_CNT, ADULT22_25_CNT, ADULT26_35_CNT, ADULT36_49_CNT, ADULT50_61_CNT, ADULT62_85_CNT, and ADULT85P_CNT. These counts include heads of household, spouses, co-heads, and any other adult living in the unit such as aunts, uncles or live-in caretakers. Related variables: ADULT18_21_CNT, ADULT26_35_CNT, ADULT36_49_CNT, ADULT50_61_CNT, ADULT62_85_CNT, ADULT85P_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**ADULT26_35_CNT**
Variable Label	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 26 TO 35
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-5
Notes	Seven variables provide counts of adults in a household in different age ranges: ADULT18_21_CNT, ADULT22_25_CNT, ADULT26_35_CNT, ADULT36_49_CNT, ADULT50_61_CNT, ADULT62_85_CNT, and ADULT85P_CNT. These counts include heads of household, spouses, co-heads, and any other adult living in the unit such as aunts, uncles or live-in caretakers. Related variables: ADULT18_21_CNT, ADULT22_25_CNT, ADULT36_49_CNT, ADULT50_61_CNT, ADULT62_85_CNT, ADULT85P_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**ADULT36_49_CNT**
Variable Label	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 36 TO 49
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-7
Notes	Seven variables provide counts of adults in a household in different age ranges: ADULT18_21_CNT, ADULT22_25_CNT, ADULT26_35_CNT, ADULT36_49_CNT, ADULT50_61_CNT, ADULT62_85_CNT, and ADULT85P_CNT. These counts include heads of household, spouses, co-heads, and any other adult living in the unit such as aunts, uncles or live-in caretakers. Related variables: ADULT18_21_CNT, ADULT22_25_CNT, ADULT26_35_CNT, ADULT50_61_CNT, ADULT62_85_CNT, ADULT85P_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**ADULT50_61_CNT**
Variable Label	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 50 TO 61
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-6
Notes	Seven variables provide counts of adults in a household in different age ranges: ADULT18_21_CNT, ADULT22_25_CNT, ADULT26_35_CNT, ADULT36_49_CNT, ADULT50_61_CNT, ADULT62_85_CNT, and ADULT85P_CNT. These counts include heads of household, spouses, co-heads, and any other adult living in the unit such as aunts, uncles or live-in caretakers. Related variables: ADULT18_21_CNT, ADULT22_25_CNT, ADULT26_35_CNT, ADULT36_49_CNT, ADULT62_85_CNT, ADULT85P_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**ADULT62_85_CNT**
Variable Label	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 62 TO 85
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-3
Notes	Seven variables provide counts of adults in a household in different age ranges: ADULT18_21_CNT, ADULT22_25_CNT, ADULT26_35_CNT, ADULT36_49_CNT, ADULT50_61_CNT, ADULT62_85_CNT, and ADULT85P_CNT. These counts include heads of household, spouses, co-heads, and any other adult living in the unit such as aunts, uncles or live-in caretakers. Related variables: ADULT18_21_CNT, ADULT22_25_CNT, ADULT26_35_CNT, ADULT36_49_CNT, ADULT50_61_CNT, ADULT85P_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**ADULT85P_CNT**
Variable Label	NUMBER OF ADULTS IN THE HOUSEHOLD AGED 86 AND OVER
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-2
Notes	Seven variables provide counts of adults in a household in different age ranges: ADULT18_21_CNT, ADULT22_25_CNT, ADULT26_35_CNT, ADULT36_49_CNT, ADULT50_61_CNT, ADULT62_85_CNT, and ADULT85P_CNT. These counts include heads of household, spouses, co-heads, and any other adult living in the unit such as aunts, uncles or live-in caretakers. Related variables: ADULT18_21_CNT, ADULT22_25_CNT, ADULT26_35_CNT, ADULT36_49_CNT, ADULT50_61_CNT, ADULT62_85_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**AGE_COHEAD**
Variable Label	AGE OF CO-HEAD AT CERTIFICATION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	16-93 Blank Missing
Notes	This is a household-level variable which will take the same value for all members of the household, regardless of whether the co-head linked to the survey data. This value is only populated for households if someone in the household has the RELATIONSHIP of "K Co-head of Household." Missings may indicate that there is no co-head in the household, or that these data were not available in the HUD administrative records. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**AGE_HEAD**
Variable Label	AGE OF HEAD AT CERTIFICATION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	16-105 Blank Missing
Notes	This is a household-level variable which will take the same value for all members of the household, regardless of whether the head of household linked to the survey data. This value is only populated for households if someone in the household has the RELATIONSHIP of "H Head of Household." Missings may indicate these data were not available in the HUD administrative records. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**AGE_MBR**
Variable Label	IDENTIFIED MEMBER AGE
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-113 Blank Missing
Notes	Please note that this is a member-level variable.

Variable Details: Transaction File

Variable Name	**AGE_SPOUSE**
Variable Label	AGE OF HEAD OF HOUSEHOLD'S SPOUSE AT CERTIFICATION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	16-98 Blank Missing
Notes	This is a household-level variable which will take the same value for all members of the household, regardless of whether the spouse linked to the survey data. This value is only populated for households if someone in the household has the RELATIONSHIP of "S Spouse of Household." Missings may indicate that there is no spouse in the household, or that these data were not available in the HUD administrative records. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**AIDE_CNT**
Variable Label	COUNT OF LIVE-IN AIDES
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-4 Blank Missing
Notes	The variable AIDE_CNT indicates the number of live-in aides within a household. Live-in aides are especially important for MF housing programs since many MF programs seek to serve the elderly and/or disabled. For more information regarding program guidance for live-in aides in MF housing, please see 4350.3 REV-1: Fig. 5-2 and Paragraph 3-6.E. U.S. Department of Housing and Urban Development. HUD Handbook 4350.3: Occupancy Requirements of Subsidized MF Programs. http://portal.hud.gov/hudportal/documents/huddoc?id=43503HSGH.pdf. Published November 2013. Access June 10, 2015. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**ASSISTANCE_PAYMENT**
Variable Label	AMOUNT OF MONEY HUD PAYS FOR THE RENT AND UTILITIES OF THE UNIT
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-5013 Blank Missing
Notes	The variable ASSISTANCE_PAYMENT is the amount of money HUD pays for the rent and utilities of the unit. Assistance payments are not available for PH because the subsidy is delivered via the operating fund and the capital fund, not to individual households. Assistance payment details are further explained in the Analytic Guidelines. Missing values for programs other than PH imply that the data were not available in the HUD administrative records. This variable is one of four variables containing information about HUD payment and subsidy variables. Related variables: CONTRACT_RENT, GROSS_RENT, UTIL_ALLOW. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**CHILD_DISABLED_CNT**
Variable Label	DISABLED CHILD COUNT
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-5
Notes	Please note that this is a household-level variable. This is one of seven variables related to disability. Related variables: DISABLED_HEAD, DISABLED_HOUSEHOLD, DISABLED_MBR, DISABLED_SPOUSE, OTHER_ADULT_DISABLED_CNT.

Variable Details: Transaction File

Variable Name	**CHILD00_03_CNT**
Variable Label	NUMBER OF CHILDREN AGED 0 TO 3 YEARS
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-6
Notes	Four variables provide counts of children in specific age ranges: CHILD00_03_CNT (ages 0-3), CHILD04_05_CNT (ages 4-5), CHILD06_12_CNT (ages 6-12), and CHILD13_17_CNT (ages 13-17). These counts include "own" (biological or adopted) children and foster children. Related variables: CHILD04_05_CNT, CHILD06_12_CNT, CHILD13_17_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**CHILD04_05_CNT**
Variable Label	NUMBER OF CHILDREN AGED 4 TO 5 YEARS
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-4
Notes	Four variables provide counts of children in specific age ranges: CHILD00_03_CNT (ages 0-3), CHILD04_05_CNT (ages 4-5), CHILD06_12_CNT (ages 6-12), and CHILD13_17_CNT (ages 13-17). These counts include "own" (biological or adopted) children and foster children. Related variables: CHILD00_03_CNT, CHILD06_12_CNT, CHILD13_17_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**CHILD06_12_CNT**
Variable Label	NUMBER OF CHILDREN AGED 6 TO 12 YEARS
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-6
Notes	Four variables provide counts of children in specific age ranges: CHILD00_03_CNT (ages 0-3), CHILD04_05_CNT (ages 4-5), CHILD06_12_CNT (ages 6-12), and CHILD13_17_CNT (ages 13-17). These counts include "own" (biological or adopted) children and foster children. Related variables: CHILD00_03_CNT, CHILD04_05_CNT, CHILD13_17_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**CHILD13_17_CNT**
Variable Label	NUMBER OF CHILDREN AGED 13 TO 17 YEARS
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-6
Notes	Four variables provide counts of children in specific age ranges: CHILD00_03_CNT (ages 0-3), CHILD04_05_CNT (ages 4-5), CHILD06_12_CNT (ages 6-12), and CHILD13_17_CNT (ages 13-17). These counts include "own" (biological or adopted) children and foster children. Related variables: CHILD00_03_CNT, CHILD04_05_CNT, CHILD06_12_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**CITIZEN_CODE**
Variable Label	CITIZENSHIP STATUS
Variable Type and Length	CHARACTER 2
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	EC (HUD-)Eligible citizen EN (HUD-)Eligible non-citizen OT Other Blank Missing
Notes	Please note that this is a member-level variable.

Variable Details: Transaction File

Variable Name	**CONTRACT_RENT**
Variable Label	CONTRACT RENT OF UNIT
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-5106 Blank Missing
Notes	The variable CONTRACT_RENT includes the value of utilities paid by the landlord, but does not include tenant paid utilities. This variable is one of four variables containing information about HUD payment and subsidy variables. Related variables: ASSISTANCE_PAYMENT, GROSS_RENT, UTIL_ALLOW. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**DATE_ENTERED_WAITING_LIST**
Variable Label	DATE HOUSEHOLD ENTERED THE WAITING LIST
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: N/A TRACS: N/A Derived from: N/A
Data values	5479-20052 (date: 01JAN75-25NOV14) Blank Missing
Notes	Available only for Non-MTW vouchers and PH. This variable generally only has value for new admissions and end of participation records. Please note that this is a household-level variable. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Transaction File

Variable Name	**DEDUC_CHILD_CARE**
Variable Label	CHILD CARE ALLOWANCE AMOUNT
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: N/A TRACS: X Derived from: N/A
Data values	0-22737 Blank Missing
Notes	When potential tenants apply for housing assistance, they are eligible for a number of allowances and deductions. The variable DEDUC_CHILD_CARE accounts for the amount of reduction in total income allowed for child care expenses, and is one of six variables containing information about HUD deductions. Related variables: DEDUC_DISABILITY_MED, DEDUC_ELDERLY_DISABLE, DEDUC_TOT_ALLOW, DEDUC_TOT_DEPENDENT, DEDUC_TOT_PERMISSIVE. Please refer to the Analytic Guidelines for more information regarding HUD deductions. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**DEDUC_TOT_ALLOW**
Variable Label	TOTAL ALLOWANCES OF THE HOUSEHOLD
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: N/A TRACS: X Derived from: N/A
Data values	0-56955 Blank Missing
Notes	When potential tenants apply for housing assistance, they are eligible for a number of allowances and deductions. The variable DEDUC_TOT_ALLOW is the sum of all applicable allowances, and is one of six variables containing information about HUD deductions. Related variables: DEDUC_CHILD_CARE, DEDUC_DISABILITY_MED, DEDUC_ELDERLY_DISABLE, DEDUC_TOT_DEPENDENT, DEDUC_TOT_PERMISSIVE. Please refer to the Analytic Guidelines for more information regarding HUD deductions. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**DEDUC_DISABILITY_MED**
Variable Label	DISABILITY OR MEDICAL ALLOWANCE
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: N/A TRACS: X Derived from: N/A
Data values	0-56555 Blank Missing
Notes	When potential tenants apply for housing assistance, they are eligible for a number of allowances and deductions. The variable DEDUC_DISABILITY_MED is the amount of reduction in total income allowed for medical and disability expenses, and is one of six variables containing information about HUD deductions. Related variables: DEDUC_CHILD_CARE, DEDUC_ELDERLY_DISABLE, DEDUC_TOT_ALLOW, DEDUC_TOT_DEPENDENT, DEDUC_TOT_PERMISSIVE. Please refer to the Analytic Guidelines for more information regarding HUD deductions. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**DEDUC_ELDERLY_DISABLE**
Variable Label	ELDERLY OR DISABLED ALLOWANCE
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: N/A TRACS: X Derived from: N/A
Data values	0-400 Blank Missing
Notes	When potential tenants apply for housing assistance, they are eligible for a number of allowances and deductions. The variable DEDUC_ELDERLY_DISABLE is a $400 income allowance for any family with an elderly or disabled head, spouse or co-head, and is one of six variables containing information about HUD deductions. Related variables: DEDUC_CHILD_CARE, DEDUC_DISABILITY_MED, DEDUC_TOT_ALLOW, DEDUC_TOT_DEPENDENT, DEDUC_TOT_PERMISSIVE. Please refer to the Analytic Guidelines for more information regarding HUD deductions. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**DEDUC_TOT_DEPENDENT**
Variable Label	AMOUNT OF REDUCTION IN TOTAL INCOME ALLOWED FOR DEPENDENTS
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: N/A TRACS: X Derived from: N/A
Data values	0-6720 Blank Missing
Notes	When potential tenants apply for housing assistance, they are eligible for a number of allowances and deductions. The variable DEDUC_TOT_DEPENDENT is the amount of reduction in total income allowed for dependents and is one of six variables containing information about HUD deductions. Related variables: DEDUC_CHILD_CARE, DEDUC_DISABILITY_MED, DEDUC_ELDERLY_DISABLE, DEDUC_TOT_ALLOW, DEDUC_TOT_PERMISSIVE. Please refer to the Analytic Guidelines for more information regarding HUD deductions. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**DEDUC_TOT_PERMISSIVE**
Variable Label	PERMISSIVE DEDUCTIONS (TOTAL)
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: N/A TRACS: N/A Derived from: N/A
Data values	0-12780 Blank Missing
Notes	When potential tenants apply for housing assistance, they are eligible for a number of allowances and deductions. DEDUC_TOT_PERMISSIVE is the total amount of permissive deductions, and is one of six variables containing information about HUD deductions. Related variables: DEDUC_CHILD_CARE, DEDUC_DISABILITY_MED, DEDUC_ELDERLY_DISABLE, DEDUC_TOT_ALLOW, DEDUC_TOT_DEPENDENT. Please refer to the Analytic Guidelines for more information regarding HUD deductions. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**DISABLED_COHEAD**
Variable Label	HOUSEHOLD'S CO-HEAD'S DISABILITY STATUS
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	This is a binary variable to indicate that the co-head of the household is classified as disabled. Please refer to the Analytic Guidelines for more information regarding disability classification. This is one of seven variables related to disability. Related variables: DISABLED_HEAD, DISABLED_HOUSEHOLD, DISABLED_MBR, DISABLED_SPOUSE, OTHER_ADULT_DISABLED_CNT, CHILD_DISABLED_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**DISABLED_HEAD**
Variable Label	HOUSEHOLD'S HEAD'S DISABILITY STATUS
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	This is a binary variable to indicate that the head of household is classified as disabled. Please refer to the Analytic Guidelines for more information regarding disability classification. This is one of seven variables related to disability. Related variables: DISABLED_COHEAD, DISABLED_HOUSEHOLD, DISABLED_MBR, DISABLED_SPOUSE, OTHER_ADULT_DISABLED_CNT, CHILD_DISABLED_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**DISABLED_HOUSEHOLD**
Variable Label	DISABLED HOUSEHOLD
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 Yes 0 No
Notes	This is a binary variable to indicate that any member of the household is classified as disabled. Please refer to the Analytic Guidelines for more information regarding disability classification. This is one of seven variables related to disability. Related variables: DISABLED_COHEAD, DISABLED_HEAD, DISABLED_MBR, DISABLED_SPOUSE, OTHER_ADULT_DISABLED_CNT, CHILD_DISABLED_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**DISABLED_MBR**
Variable Label	MEMBER'S DISABILITY STATUS
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	This is a binary variable to indicate that the identified member was classified as disabled. See Analytic Guidelines for more information regarding disability classification. This is one of seven variables related to disability. Related variables: DISABLED_COHEAD, DISABLED_HEAD, DISABLED_HOUSEHOLD, DISABLED_SPOUSE, OTHER_ADULT_DISABLED_CNT, CHILD_DISABLED_CNT. Please note that this is a member-level variable.

Variable Details: Transaction File

Variable Name	**DISABLED_SPOUSE**
Variable Label	HOUSEHOLD'S SPOUSE'S DISABILITY STATUS
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	This is a binary variable to indicate that the head of household's spouse is classified as disabled. Please refer to the Analytic Guidelines for more information regarding disability classification. This is one of seven variables related to disability. Related variables: DISABLED_COHEAD, DISABLED_HEAD, DISABLED_HOUSEHOLD, DISABLED_MBR, OTHER_ADULT_DISABLED_CNT, CHILD_DISABLED_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**EFFECTIVE_DATE**
Variable Label	EFFECTIVE DATE OF THE CURRENT TRANSACTION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	13331-20088 (date: 01JUL96-31DEC14)
Notes	This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**ELDER_COHEAD**
Variable Label	HOUSEHOLD'S CO-HEAD IS OVER AGE 61
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	This is a binary variable to indicate that the co-head is over age 61. This is one of four elderly indicator variables. Related variables: ELDER_HEAD, ELDER_HOUSEHOLD, ELDER_SPOUSE. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**ELDER_HEAD**
Variable Label	HOUSEHOLD'S HEAD IS OVER AGE 61
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	This is a binary variable to that the head of household is over age 61. Please note that this is a household-level variable. This is one of four elderly indicator variables. Related variables: ELDER_COHEAD, ELDER_HOUSEHOLD, ELDER_SPOUSE.

Variable Details: Transaction File

Variable Name	**ELDER_HOUSEHOLD**
Variable Label	HOUSEHOLD'S HEAD, SPOUSE OR CO-HEAD IS OVER AGE 61
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 Yes 0 No
Notes	This is a binary variable to indicate that the head, the head of household's spouse, or the co-head is over age 61. Please note that this is a household-level variable. This is one of four elderly indicator variables. Related variables: ELDER_HEAD, ELDER_HOUSEHOLD, ELDER_SPOUSE.

Variable Details: Transaction File

Variable Name	**ELDER_SPOUSE**
Variable Label	HOUSEHOLD'S SPOUSE IS OVER AGE 61
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	This is a binary variable to indicate that the head of household's spouse is over age 61. Please note that this is a household-level variable. This is one of four elderly indicator variables. Related variables: ELDER_COHEAD, ELDER_HEAD, ELDER_HOUSEHOLD.

Variable Details: Transaction File

Variable Name	**FOSTER_CHILDREN_CNT**
Variable Label	NUMBER OF FOSTER CHILDREN IN THE HOUSEHOLD
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-6
Notes	HUD provided three aggregate count variables which capture various calculations of children and youth (0-17) who reside within a HUD household. The variable OWN_CHILDREN_CNT count's a household's "own" children (biological or adopted) and other youth relatives. The variable FOSTER_CHILDREN_CNT counts all foster children in the household. The variable FULL_TIME_STUDENT_CNT counts the number of fulltime students over 17 in the household. Related variables: FULL_TIME_STUDENT_CNT, OWN_CHILDREN_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**FULL_TIME_STUDENT_CNT**
Variable Label	NUMBER OF FULL TIME STUDENTS OVER AGE 17
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-4
Notes	HUD provided three aggregate count variables which capture various calculations of children and youth (0-17) who reside within a HUD household. The variable OWN_CHILDREN_CNT count's a household's "own" children (biological or adopted) and other youth relatives. The variable FOSTER_CHILDREN_CNT counts all foster children in the household. The variable FULL_TIME_STUDENT_CNT counts the number of fulltime students over 17 in the household. Related variables: FOSTER_CHILDREN_CNT, OWN_CHILDREN_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**GROSS_RENT**
Variable Label	GROSS RENT
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-5215 Blank Missing
Notes	The variable GROSS_RENT is HUD's estimate of tenant paid utilities and is equal to contract rent plus utility allowance. This variable is one of four variables containing information about HUD payment and subsidy variables. Related variables: ASSISTANCE_PAYMENT, CONTRACT_RENT, UTIL_ALLOW. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**HOMELESS_IND**
Variable Label	HOMELESS STATUS UPON ENTRANCE
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: N/A TRACS: N/A Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	This is a binary variable to indicate that the household was homeless upon entering the program. This variable only applies to non-MTW PH and non-MTW HCV program transactions. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**IMPRD_HEARING**
Variable Label	MEMBER OF HOUSEHOLD IS HEARING IMPAIRED
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: X Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	This is a binary variable to indicate that at least one household member is hearing impaired. Since some MF housing programs exclusively serve the elderly and individuals with disabilities, HUD Form 50059 includes questions which indicate if any family member is hearing impaired (IMPRD_HEARING), mobility impaired (IMPRD_MOBILITY), or visually impaired (IMPRD_VISUALLY). On HUD Form 50059, items 50-52 ask if family has a mobility disability, hearing disability, or visual disability. Impairment indicators are only available for MF program data. Missing values for MF (which include PBS8 and Other MF transactions) may indicate that these data were not available in the HUD administrative records. Related variables: IMPRD_MOBILITY, IMPRD_VISUALLY. Please note that this is a household-level variable. Reference: HUD Form 50059: Owner's Certification of Compliance with HUD's Tenant Eligibility and Rent Procedures. U.S. Department of Housing and Urban Development. Washington: DC, 2014. Available at: http://portal.hud.gov/hudportal/documents/huddoc?id=50059.pdf.

Variable Details: Transaction File

Variable Name	**IMPRD_MOBILITY**
Variable Label	MEMBER OF HOUSEHOLD IS MOBILITY IMPAIRED
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: X Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	This is a binary variable to indicate that at least one member of the household was classified as mobility impaired. Since some MF housing programs exclusively serve the elderly and individuals with disabilities, HUD Form 50059 includes questions which indicate if any family member is hearing impaired (IMPRD_HEARING), mobility impaired (IMPRD_MOBILITY), or visually impaired (IMPRD_VISUALLY). On HUD Form 50059, items 50-52 ask if family has a mobility disability, hearing disability, or visual disability. Impairment indicators are only available for MF program data. Missing values for MF (which include PBS8 and Other MF transactions) may indicate that these data were not available in the HUD administrative records. Related variables: IMPRD_HEARING, IMPRD_VISUALLY. Please note that this is a household-level variable. Reference: HUD Form 50059: Owner's Certification of Compliance with HUD's Tenant Eligibility and Rent Procedures. U.S. Department of Housing and Urban Development. Washington: DC, 2014. Available at: http://portal.hud.gov/hudportal/documents/huddoc?id=50059.pdf.

Variable Details: Transaction File

Variable Name	**IMPRD_VISUALLY**
Variable Label	MEMBER OF HOUSEHOLD IS VISUALLY IMPAIRED
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: X Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	This is a binary variable to indicate that at least one member of the household was classified as visually impaired. Since some MF housing programs exclusively serve the elderly and individuals with disabilities, HUD Form 50059 includes questions which indicate if any family member is hearing impaired (IMPRD_HEARING), mobility impaired (IMPRD_MOBILITY), or visually impaired (IMPRD_VISUALLY). On HUD Form 50059, items 50-52 ask if family has a mobility disability, hearing disability, or visual disability. Impairment indicators are only available for MF program data. Missing values for MF (which include PBS8 and Other MF transactions) may indicate that these data were not available in the HUD administrative records. Related variables: IMPRD_HEARING, IMPRD_MOBILITY. Please note that this is a household-level variable. Reference: HUD Form 50059: Owner's Certification of Compliance with HUD's Tenant Eligibility and Rent Procedures. U.S. Department of Housing and Urban Development. Washington: DC, 2014. Available at: http://portal.hud.gov/hudportal/documents/huddoc?id=50059.pdf.

Variable Details: Transaction File

Variable Name	**INCOME_OTHER_HH**
Variable Label	TOTAL "OTHER" INCOME OF HOUSEHOLD
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-272189 Blank Missing
Notes	The variable INCOME_OTHER_HH sums all member-level other income calculations and represents a sum calculation for the entire household. This variable is one of ten variables containing information about household and member income. Related variables: ADJUSTED_A_INCOME_HH, INCOME_TOTAL_HH, INCOME_PENSION_HH, INCOME_WAGE_HH, INCOME_WELFARE_HH, INCOME_TOTAL_MBR, INCOME_OTHER_MBR, INCOME_PENSION_MBR, INCOME_WAGE_MBR, INCOME_WELFARE_MBR, TOT_A_INCOME Whole dollar amounts were provided by HUD. Please note that this is a household-level variable. Please refer to the Analytic Guidelines for more information regarding wage, welfare, pension, and other income calculations.

Variable Details: Transaction File

Variable Name	**INCOME_OTHER_MBR**
Variable Label	TOTAL "OTHER" INCOME OF IDENTIFIED MEMBER
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-99999 Blank Missing
Notes	The variable INCOME_OTHER_MBR is the sum of the following income codes collected from HUD Form 50058: (C) Child Support + (E) Medical Reimbursement + (I) Indian trust/per capita + (N) Other nonwage Sources + (U) Unemployment benefits. Item 73 on Form 50059, entitled "Total Other Income," sums four income codes: (CS) Child Support + (I) Indian Trust + (N) Other Non-Wage source + (U) Unemployment. This variable is one of ten variables containing information about household and member income. Related variables: ADJUSTED_A_INCOME_HH, INCOME_TOTAL_HH, INCOME_OTHER_HH, INCOME_PENSION_HH, INCOME_WAGE_HH, INCOME_WELFARE_HH, INCOME_TOTAL_MBR, INCOME_PENSION_MBR, INCOME_WAGE_MBR, INCOME_WELFARE_MBR, TOT_A_INCOME. Whole dollar amounts were provided by HUD. Please refer to the Analytic Guidelines for more information regarding income calculations. Please note that this is a member-level variable. References: HUD Form 50058: Family Report. U.S. Department of Housing and Urban Development. Washington, DC: 2013. Available at: http://portal.hud.gov/hudportal/documents/huddoc?id=HUD50058.pdf. HUD Form 50059: Owner's Certification of Compliance with HUD's Tenant Eligibility and Rent Procedures. U.S. Department of Housing and Urban Development. Washington: DC, 2014. Available at: http://portal.hud.gov/hudportal/documents/huddoc?id=50059.pdf.

Variable Details: Transaction File

Variable Name	**INCOME_PENSION_HH**
Variable Label	TOTAL PENSION INCOME OF HOUSEHOLD
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-80528 Blank Missing
Notes	The variable INCOME_PENSION_HH sums all member-level pension calculations and represents a sum calculation for the entire household, and is one of ten variables containing information about household and member income. Related variables: ADJUSTED_A_INCOME_HH, INCOME_TOTAL_HH, INCOME_OTHER_HH, INCOME_WAGE_HH, INCOME_WELFARE_HH, INCOME_TOTAL_MBR, INCOME_OTHER_MBR, INCOME_PENSION_MBR, INCOME_WAGE_MBR, INCOME_WELFARE_MBR, TOT_A_INCOME. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable. Please refer to the Analytic Guidelines for more information regarding wage, welfare, pension, and other income calculations.

Variable Details: Transaction File

Variable Name	**INCOME_PENSION_MBR**
Variable Label	TOTAL PENSION INCOME OF IDENTIFIED MEMBER
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-67574 Blank Missing
Notes	The variable MBR_ PENSION is the sum of the following income codes collected from Form 50058: (P) Pension + (S) SSI + (SS) Social Security. Item 71 on Form 50059, entitled "Total Pension Income," sums the same three income codes utilized on Form 50058: (PE) Pensions + (SI) Supplemental Security Income + (SS) Social Security. This variable is one of ten variables containing information about household and member income. Related variables: ADJUSTED_A_INCOME_HH, INCOME_TOTAL_HH, INCOME_OTHER_HH, INCOME_PENSION_HH, INCOME_WAGE_HH, INCOME_WELFARE_HH, INCOME_TOTAL_MBR, INCOME_OTHER_MBR, INCOME_WAGE_MBR, INCOME_WELFARE_MBR, TOT_A_INCOME. Whole dollar amounts were provided by HUD. Please refer to the Analytic Guidelines for more information regarding income calculations. Please note that this is a member-level variable. References: HUD Form 50058: Family Report. U.S. Department of Housing and Urban Development. Washington, DC: 2013. Available at: http://portal.hud.gov/hudportal/documents/huddoc?id=HUD50058.pdf. HUD Form 50059: Owner's Certification of Compliance with HUD's Tenant Eligibility and Rent Procedures. U.S. Department of Housing and Urban Development. Washington: DC, 2014. Available at: http://portal.hud.gov/hudportal/documents/huddoc?id=50059.pdf.

Variable Details: Transaction File

Variable Name	**INCOME_TOTAL_HH**
Variable Label	TOTAL INCOME OF HOUSEHOLD
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-557785 Blank Missing
Notes	The variable INCOME_TOTAL_HH sums all member-level income calculations and represents a sum calculation for the entire household, and is one of ten variables containing information about household and member income. Related variables: ADJUSTED_A_INCOME_HH, INCOME_OTHER_HH, INCOME_PENSION_HH, INCOME_WAGE_HH, INCOME_WELFARE_HH, INCOME_TOTAL_MBR, INCOME_OTHER_MBR, INCOME_PENSION_MBR, INCOME_WAGE_MBR, INCOME_WELFARE_MBR, TOT_A_INCOME. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable. Please refer to the Analytic Guidelines for more information regarding income calculations.

Variable Details: Transaction File

Variable Name	**INCOME_TOTAL_MBR**
Variable Label	TOTAL INCOME OF IDENTIFIED MEMBER
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-557785 Blank Missing
Notes	The variable INCOME_TOTAL_MBR is the sum of all source income codes and amounts for each individual member. This variable is one of ten variables containing information about household and member income. Related variables: ADJUSTED_A_INCOME_HH, INCOME_TOTAL_HH, INCOME_OTHER_HH, INCOME_PENSION_HH, INCOME_WAGE_HH, INCOME_WELFARE_HH, INCOME_OTHER_MBR, INCOME_PENSION_MBR, INCOME_WAGE_MBR, INCOME_WELFARE_MBR, TOT_A_INCOME. Whole dollar amounts were provided by HUD. Please note that this is a member-level variable. Please refer to the Analytic Guidelines for more information regarding income calculations.

Variable Details: Transaction File

Variable Name	**INCOME_WAGE_HH**
Variable Label	TOTAL WAGE INCOME OF HOUSEHOLD
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-557785 Blank Missing
Notes	The variable INCOME_WAGE_HH sums all member-level wage calculations and represents a sum calculation for the entire household, and is one of ten variables containing information about household and member income. Related variables: ADJUSTED_A_INCOME_HH, INCOME_TOTAL_HH, INCOME_OTHER_HH, INCOME_PENSION_HH, INCOME_WELFARE_HH, INCOME_TOTAL_MBR, INCOME_OTHER_MBR, INCOME_PENSION_MBR, INCOME_WAGE_MBR, INCOME_WELFARE_MBR, TOT_A_INCOME. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable. Please refer to the Analytic Guidelines for more information regarding wage, welfare, pension, and other income calculations.

Variable Details: Transaction File

Variable Name	**INCOME_WAGE_MBR**
Variable Label	TOTAL WAGE INCOME OF IDENTIFIED MEMBER
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-557785 Blank Missing
Notes	The variable INCOME_WAGE_MBR is the sum of the following variables from Form 50058: (B) Own Business + (F) Federal Wage + (HA) PHA Wage + (M) Military Pay + (W) Other Wage. For Form 50059, INCOME_WAGE_MBR is the sum of the following: (B) Business + (F) Federal Wages + (M) Military Pay + (W) Non-Federal Wage. This calculation is Item 70 "Total Employment Income" on HUD Form 50059. This variable is one of ten variables containing information about household and member income. Related variables: ADJUSTED_A_INCOME_HH, INCOME_TOTAL_HH, INCOME_OTHER_HH, INCOME_PENSION_HH, INCOME_WAGE_HH, INCOME_WELFARE_HH, INCOME_TOTAL_MBR, INCOME_OTHER_MBR, INCOME_PENSION_MBR, INCOME_WELFARE_MBR, TOT_A_INCOME. Whole dollar amounts were provided by HUD. Please note that this is a member-level variable. Please refer to the Analytic Guidelines for more information regarding income calculations. References: HUD Form 50058: Family Report. U.S. Department of Housing and Urban Development. Washington, DC: 2013. Available at: http://portal.hud.gov/hudportal/documents/huddoc?id=HUD50058.pdf. HUD Form 50059: Owner's Certification of Compliance with HUD's Tenant Eligibility and Rent Procedures. U.S. Department of Housing and Urban Development. Washington: DC, 2014. Available at: http://portal.hud.gov/hudportal/documents/huddoc?id=50059.pdf.

Variable Details: Transaction File

Variable Name	**INCOME_WELFARE_HH**
Variable Label	TOTAL WELFARE INCOME OF HOUSEHOLD
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-49950 Blank Missing
Notes	The variable INCOME_WELFARE_HH sums all member-level welfare calculations and represents a sum calculation for the entire household. This variable is one of ten variables containing information about household and member income. Related variables: ADJUSTED_A_INCOME_HH, INCOME_TOTAL_HH, INCOME_OTHER_HH, INCOME_PENSION_HH, INCOME_WAGE_HH, INCOME_TOTAL_MBR, INCOME_OTHER_MBR, INCOME_PENSION_MBR, INCOME_WAGE_MBR, INCOME_WELFARE_MBR, TOT_A_INCOME. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable. Please refer to the Analytic Guidelines for more information regarding wage, welfare, pension, and other income calculations.

Variable Details: Transaction File

Variable Name	**INCOME_WELFARE_MBR**
Variable Label	TOTAL WELFARE INCOME OF IDENTIFIED MEMBER
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-29120 Blank Missing
Notes	The variable INCOME_WELFARE_MBR is the sum of the following income codes collected from Form 50058: (G) General Assistance + (IW) Annual Imputed Welfare Income + (T) TANF assistance. Item 72 on Form 50059, entitled "Total Public Assistance Income," sums two income source codes: (G) General Assistance/Welfare + (T) TANF. This variable is one of ten variables containing information about household and member income. Related variables: ADJUSTED_A_INCOME_HH, INCOME_TOTAL_HH, INCOME_OTHER_HH, INCOME_PENSION_HH, INCOME_WAGE_HH, INCOME_WELFARE_HH, INCOME_TOTAL_MBR, INCOME_OTHER_MBR, INCOME_PENSION_MBR, INCOME_WAGE_MBR, TOT_A_INCOME. Whole dollar amounts were provided by HUD. Please note that this is a member-level variable. Please refer to the Analytic Guidelines for more information regarding income calculations. References: HUD Form 50058: Family Report. U.S. Department of Housing and Urban Development. Washington, DC: 2013. Available at: http://portal.hud.gov/hudportal/documents/huddoc?id=HUD50058.pdf. HUD Form 50059: Owner's Certification of Compliance with HUD's Tenant Eligibility and Rent Procedures. U.S. Department of Housing and Urban Development. Washington: DC, 2014. Available at: http://portal.hud.gov/hudportal/documents/huddoc?id=50059.pdf.

Variable Details: Transaction File

Variable Name	**NBR_BEDROOMS**
Variable Label	NUMBER OF BEDROOMS IN THE UNIT
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-10 Blank Missing
Notes	Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**OTHER_ADULT_DISABLED_CNT**
Variable Label	NUMBER OF DISABLED ADULTS IN THE UNIT WHO ARE NOT THE HEAD, SPOUSE, OR CO-HEAD
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-4
Notes	Please note that this is a household-level variable. This is one of seven variables related to disability. Related variables: DISABLED_HEAD, DISABLED_HOUSEHOLD, DISABLED_MBR, DISABLED_SPOUSE, CHILD_DISABLED_CNT. See Analytic Guidelines for more information regarding disability classification.

Variable Details: Transaction File

Variable Name	**OWN_CHILDREN_CNT**
Variable Label	COUNT OF "OWN" CHILDREN AND OTHER YOUTH RELATIVES
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-13
Notes	HUD provided three aggregate count variables which capture various calculations of children and youth (0-17) who reside within a HUD household. The variable OWN_CHILDREN_CNT count's a household's "own" children (biological or adopted) and other youth relatives. The variable FOSTER_CHILDREN_CNT counts all foster children in the household. The variable FULL_TIME_STUDENT_CNT counts the number of fulltime students over 17 in the household. Related variables: FOSTER_CHILDREN_CNT, FULL_TIME_STUDENT_CNT. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**PORTABILITY_IND**
Variable Label	THE HOUSEHOLD MOVED FROM A DIFFERENT PHA
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: N/A Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	This is binary variable to indicate that the household moved from a different PHA. These data are available only for Non-MTW HCV program transactions. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**PROGRAM**
Variable Label	PROGRAM CODE
Variable Type and Length	CHARACTER 10
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	HCV non-MTW Housing Choice Vouchers MTW HCV MTW Housing Choice Vouchers MTW PH MTW Public Housing Other MF Other Multi-family PBS8 Multi-family Project Based Section 8 PH non-MTW Public Housing
Notes	Please note that this is a household-level variable. Please refer to the Analytic Guidelines for more information regarding program information.

Variable Details: Transaction File

Variable Name	**PROGRAM_TYPE**
Variable Label	PROGRAM TYPE
Variable Type and Length	CHARACTER 2
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	H1 Project Based Section 8 H2 Rent Supplement H3 RAP (Rental Assistance Payment) H4 Section 236 H5 BMIR (Below Market Interest Rate) H7 Section 202 PRAC (Project Rental Assistance Contract) H8 Section 811 PRAC (Project Rental Assistance Contract) H9 Section 202/162 PAC (Project Assistance Contract) P Public Housing VO Housing Choice Vouchers (Includes certificates, mod-rehab, and homeownership vouchers)
Notes	Please note that this is a household-level variable. Please refer to the Analytic Guidelines for more information regarding PROGRAM_TYPE.

Variable Details: Transaction File

Variable Name	**RELATIONSHIP**
Variable Label	IDENTIFIED MEMBER'S HOUSEHOLD MEMBERSHIP/RELATIONSHIP TYPE
Variable Type and Length	CHARACTER 1
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	A Other Adult E Full time student 18+ F Foster Child H Head of Household K Co-head of Household L Live in aide S Spouse of Household Y Youth (non-foster child in household) Blank Missing
Notes	HUD captures information for all household members. The relationship variable (RELATIONSHIP) indicates the position or role of each household member. Among HUD data systems, relationship codes differ; therefore, some recoding occurred to standardize. Please note that this is a member-level variable. Please see Analytic Guidelines for more information regarding relationship category recoding.

Variable Details: Transaction File

Variable Name	**SEX_COHEAD**
Variable Label	SEX OF CO-HEAD
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 Male 2 Female Blank Missing
Notes	Please note that this is a household-level variable. Related variables: SEX_HEAD, SEX_MBR, SEX_SPOUSE.

Variable Details: Transaction File

Variable Name	**SEX_HEAD**
Variable Label	SEX OF HEAD
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 Male 2 Female Blank Missing
Notes	Please note that this is a household-level variable. Related variables: SEX_COHEAD, SEX_MBR, SEX_SPOUSE.

Variable Details: Transaction File

Variable Name	**SEX_MBR**
Variable Label	SEX OF IDENTIFIED MEMBER
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 Male 2 Female Blank Missing
Notes	Please note that this is a member-level variable. Related variables: SEX_COHEAD SEX_HEAD, SEX_SPOUSE.

Variable Details: Transaction File

Variable Name	**SEX_SPOUSE**
Variable Label	SEX OF SPOUSE
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 Male 2 Female Blank Missing
Notes	Please note that this is a household-level variable. Related variables: SEX_COHEAD, SEX_HEAD, SEX_MBR.

Variable Details: Transaction File

Variable Name	**STRUCTURE_TYPE**
Variable Label	UNIT'S BUILDING TYPE
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: N/A TRACS: N/A Derived from: N/A
Data values	1 Single Family Detached 2 Semi-attached 3 Rowhouse/Townhouse 4 Low Rise Apartment 5 High Rise Apartment 6 Manufactured Home Blank Missing
Notes	This variable only applies to non-MTW HCV program transactions. Missing values for non-MTW HCV transactions imply that the data were not available in the HUD administrative records. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**TOT_A_INCOME**
Variable Label	TOTAL ANNUAL INCOME OF THE HOUSEHOLD
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-557785 Blank Missing
Notes	Whole dollar amounts were provided by HUD. Please note that this is a household-level variable. Related variables: ADJUSTED_A_INCOME_HH, INCOME_TOTAL_HH, INCOME_OTHER_HH, INCOME_PENSION_HH, INCOME_WAGE_HH, INCOME_WELFARE_HH, INCOME_TOTAL_MBR, INCOME_OTHER_MBR, INCOME_PENSION_MBR, INCOME_WAGE_MBR, INCOME_WELFARE_MBR Please refer to the Analytic Guidelines for more information regarding wage, welfare, pension, and other income calculations.

Variable Details: Transaction File

Variable Name	**TOT_HOUSEHOLD_MEMBERS**
Variable Label	TOTAL NUMBER OF HOUSEHOLD MEMBERS
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-16 Blank Missing
Notes	Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**TOTAL_HOUSEHOLD_EXPENSES**
Variable Label	TOTAL PAID BY EACH HOUSEHOLD
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-4177 Blank Missing
Notes	Whole dollar amounts were provided by HUD. Please note that this is a household-level variable. Total household expense calculations are described in the Analytic Guidelines.

Variable Details: Transaction File

Variable Name	**TRANSACTION_TYPE**
Variable Label	TYPE OF TRANSACTION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	1 New admission 2 Annual recertification 3 Interim recertification 4 Portability move in 5 Portability move out 6 End of participation 7 Other change of unit 12 Flat rent update 14 Historical adjustment 16 Gross rent change 17 Correction Blank Missing
Notes	Please note that this is a household-level variable. Please refer to the Analytic Guidelines for more information regarding the TRANSACTION_TYPE variable.

Variable Details: Transaction File

Variable Name	**TTP**
Variable Label	TOTAL TENANT PAYMENT
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: N/A TRACS: X Derived from: N/A
Data values	0-13933 Blank Missing
Notes	Rent determination, which is referred to as the Total Tenant Payment (TTP) in PH, is based on anticipated gross annual income less deductions, if any, for an individual or family. The formula used in determining the TTP is the highest of the following, rounded to the nearest dollar: 30% of the monthly adjusted income (equals annual income less deductions allowed by the regulations); 10% of monthly income; Welfare rent, if applicable; or, a $25 minimum rent or higher amount (up to $50) set by a PHA. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**UNIT_ACCESSIBLE_IND**
Variable Label	UNIT IDENTIFIED AS ACCESSIBLE BY PHA
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: N/A TRACS: N/A Derived from: N/A
Data values	1 Yes 0 No Blank Missing
Notes	When applicants apply for non-MTW PH, a family can request accessibility features. The variable ACCESSIBILITY_REQUESTED_IND indicates if a family requests such accessibility. The variable UNIT_ACCESSIBLE_IND indicates whether or not a PHA has identified this unit as accessible. This variable only applies to non-MTW PH residents. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**UTIL_ALLOW**
Variable Label	UTILITY ALLOWANCE
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: X Derived from: N/A
Data values	0-2330 Blank Missing
Notes	The variable UTIL_ALLOW is HUD's estimate of tenant paid utilities and is one of four variables containing information about HUD payment and subsidy variables. Related variables: ASSISTANCE_PAYMENT, CONTRACT_RENT, GROSS_RENT. Whole dollar amounts were provided by HUD. Please note that this is a household-level variable.

Variable Details: Transaction File

Variable Name	**VOUCHER_TYPE**
Variable Label	VOUCHER TYPE
Variable Type and Length	CHARACTER 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: X TRACS: N/A Derived from: N/A
Data values	HV Homeownership vouchers PBV Project based vouchers TBV Tenant based vouchers Blank Missing
Notes	Please note that this is a household-level variable. This variable is only populated for non-MTW HCV and MTW HCV transactions. Missing values for HCV transactions imply that the data were not available in the HUD administrative records. See Analytic Guidelines for more information regarding voucher types (under the description of programs).

Variable Details: Transaction File

Variable Name	**YEAR_BUILT**
Variable Label	THE YEAR THAT THE UNIT WAS BUILT
Variable Type and Length	CHARACTER 12
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: X PIC MTW: N/A TRACS: N/A Derived from: N/A
Data values	1 Built between 1800 and 1899 2 Built between 1900 and 1949 3 Built between 1950 and 1999 4 Built after 2000 Blank Missing
Notes	This variable is only populated for non-MTW HCV program. Missing values for non-MTW PH and non-MTW HCV program transactions imply that the data were not available in the HUD administrative records. Please note that this is a household-level variable.

Variable Details: Episode Files

Variable Name	**PUBLICID**
Variable Label	NHIS PUBLIC ID
Variable Type and Length	CHARACTER 14
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	Identification variable
Notes	This is the identification variable for NHIS respondents and is only available in the NHIS-HUD linked data. For information on how to create PUBLICID from the public-use data, please refer to Appendix 1: Merging NCHS-HUD restricted-use data with NCHS public-use survey files.

Variable Details: Episode Files

Variable Name	**SEQN**
Variable Label	NHANES SEQUENCE NUMBER
Variable Type and Length	NUMERIC 5
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	Identification variable
Notes	This is the identification variable for NHANES respondents and is only available in the NHANES-HUD linked data.

Variable Details: Episode Files

Variable Name	**SURVEY_NAME**
Variable Label	SURVEY NAME
Variable Type and Length	CHARACTER 16
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	NHANES 1999-2000 NHANES 2001-2002 NHANES 2003-2004 NHANES 2005-2006 NHANES 2007-2008 NHANES 2009-2010 NHANES 2011-2012 NHIS 1999 NHIS 2000 NHIS 2001 NHIS 2002 NHIS 2003 NHIS 2004 NHIS 2005 NHIS 2006 NHIS 2007 NHIS 2008 NHIS 2009 NHIS 2010 NHIS 2011 NHIS 2012
Notes	This variable identifies the survey year/cycle for the respondent.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_BEG_DATE1**
Variable Label	[PROGRAM] BEGIN DATE-EPISODE 1
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 13331-19822 (dates: 01JUL96-09APR14) PH: 14579-20079 (dates: 01DEC99-22DEC14) MTW PH: 15239-20058 (dates: 21SEP01-01DEC14) PBS8: 13331-19967 (dates: 01JUL96-01SEP14) OTHER_MF: 13331-19967 (dates: 01JUL96-01SEP14) HCV: 14579-20088 (dates: 01DEC99-31DEC14) MTW HCV: 14585-20062 (dates: 07DEC99-05DEC14)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_BEG_DATE2**
Variable Label	[PROGRAM] BEGIN DATE-EPISODE 2
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 13880-20088 (dates: 01JAN98-31DEC14) PH: 15007-20079 (dates: 01FEB01-22DEC14) MTW PH: 17592-20074 (dates: 01MAR08-17DEC14) PBS8: 13885-19967 (dates: 06JAN98-01SEP14) OTHER_MF: 13880-19967 (dates: 01JAN98-01SEP14) HCV: 15007-20073 (dates: 01FEB01-16DEC14) MTW HCV: 17257-20067 (dates: 01APR07-10DEC14)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_BEG_DATE3**
Variable Label	[PROGRAM] BEGIN DATE-EPISODE 3
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 14365-20088 (dates: 01MAY99-31DEC14) PH: 15553-20088 (dates: 01AUG02-31DEC14) MTW PH: 19206-19912 (dates: 01AUG12-08JUL14) PBS8: 14365-19964 (dates: 01MAY99-29AUG14) OTHER_MF: 14549-19561 (dates: 01NOV99-22JUL13) HCV: 15608-20065 (dates: 25SEP02-08DEC14) MTW HCV: 18840-19663 (dates: 01AUG11-01NOV13)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_BEG_DATE4**
Variable Label	[PROGRAM] BEGIN DATE-EPISODE 4
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 15188-20086 (dates: 01AUG01-29DEC14) PH: 16131-20076 (dates: 01MAR04-19DEC14) MTW PH: N/A (dates: N/A) PBS8: 15188-19875 (dates: 01AUG01-01JUN14) OTHER_MF: 15522-19571 (dates: 01JUL02-01AUG13) HCV: 16275-20058 (dates: 23JUL04-01DEC14) MTW HCV: N/A (dates: N/A)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_BEG_DATE5**
Variable Label	[PROGRAM] BEGIN DATE-EPISODE 5
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 15932-20076 (dates: 15AUG03-05DEC14) PH: 17002-19936 (dates: 20JUL06-01AUG14) MTW PH: N/A (dates: N/A) PBS8: 16010-19740 (dates: 01NOV03-17JAN14) OTHER_MF: 16680-16680 (dates: 01SEP05-01SEP05) HCV: 16922-19997 (dates: 01MAY06-01OCT14) MTW HCV: N/A (dates: N/A)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_BEG_DATE6**
Variable Label	[PROGRAM] BEGIN DATE-EPISODE 6
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 17348-20058 (dates: 01JUL07-01DEC14) PH: 18232-19936 (dates: 01DEC09-01AUG14) MTW PH: N/A (dates: N/A) PBS8: 17966-19922 (dates: 10MAR09-18JUL14) OTHER_MF: N/A (dates: N/A) HCV: 17348-19997 (dates: 01JUL07-01OCT14) MTW HCV: N/A (dates: N/A)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_BEG_DATE7**
Variable Label	[PROGRAM] BEGIN DATE-EPISODE 7
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 18809-19967 (dates: 01JUL11-01SEP14) PH: N/A (dates: N/A) MTW PH: N/A (dates: N/A) PBS8: N/A (dates: N/A) OTHER_MF: N/A (dates: N/A) HCV: 19206-19936 (dates: 01AUG12-01AUG14) MTW HCV: N/A (dates: N/A)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_BEG_DATE8**
Variable Label	[PROGRAM] BEGIN DATE-EPISODE 8
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 19632-19632 (dates: 01OCT13-01OCT13) PH: N/A (dates: N/A) MTW PH: N/A (dates: N/A) PBS8: N/A (dates: N/A) OTHER_MF: N/A (dates: N/A) HCV: N/A (dates: N/A) MTW HCV: N/A (dates: N/A)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_BEG_DATE9**
Variable Label	[PROGRAM] BEGIN DATE-EPISODE 9
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: N/A (dates: N/A) PH: N/A (dates: N/A) MTW PH: N/A (dates: N/A) PBS8: N/A (dates: N/A) OTHER_MF: N/A (dates: N/A) HCV: N/A (dates: N/A) MTW HCV: N/A (dates: N/A)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_BEG_DATE10**
Variable Label	[PROGRAM] BEGIN DATE-EPISODE 10
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: N/A (dates: N/A) PH: N/A (dates: N/A) MTW PH: N/A (dates: N/A) PBS8: N/A (dates: N/A) OTHER_MF: N/A (dates: N/A) HCV: N/A (dates: N/A) MTW HCV: N/A (dates: N/A)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_END_DATE1**
Variable Label	[PROGRAM] END DATE-EPISODE 1
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 13331-20088 (dates: 01JUL96-31DEC14) PH: 14579-20087 (dates: 01DEC99-31DEC14) MTW PH: 15239-20058 (dates: 21SEP01-01DEC14) PBS8: 13331-19997 (dates: 01JUL96-01OCT14) OTHER_MF: 13331-19997 (dates: 01JUL96-01OCT14) HCV: 14579-20088 (dates: 01DEC99-31DEC14) MTW HCV: 14585-20076 (dates: 07DEC99-19DEC14)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_END_DATE2**
Variable Label	[PROGRAM] END DATE-EPISODE 2
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 13880-20088 (dates: 01JAN98-31DEC14) PH: 15007-20087 (dates: 01FEB01-30DEC14) MTW PH: 18079-20088 (dates: 01JUL09-31DEC14) PBS8: 13885-19997 (dates: 06JAN98-01OCT14) OTHER_MF: 13880-19967 (dates: 01JAN98-01SEP14) HCV: 15007-20088 (dates: 01FEB01-31DEC14) MTW HCV: 17577-20075 (dates: 15FEB08-18DEC14)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_END_DATE3**
Variable Label	[PROGRAM] END DATE-EPISODE 3
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 14670-20088 (dates: 01MAR00-31DEC14) PH: 15553-20088 (dates: 01AUG02-31DEC14) MTW PH: 19912-20088 (dates: 08JUL14-31DEC14) PBS8: 14501-19967 (dates: 14SEP99-01SEP14) OTHER_MF: 14959-19967 (dates: 15DEC00-01SEP14) HCV: 15608-20080 (dates: 25SEP02-23DEC14) MTW HCV: 19313-20065 (dates: 16NOV12-08DEC14)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_END_DATE4**
Variable Label	[PROGRAM] END DATE-EPISODE 4
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 15301-20086 (dates: 22NOV01-29DEC14) PH: 16437-20079 (dates: 01JAN05-22DEC14) MTW PH: N/A (dates: N/A) PBS8: 15301-19995 (dates: 22NOV01-29SEP14) OTHER_MF: 15865-19905 (dates: 09JUN03-01JUL14) HCV: 16437-20058 (dates: 01JAN05-01DEC14) MTW HCV: N/A (dates: N/A)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_END_DATE5**
Variable Label	[PROGRAM] END DATE-EPISODE 5
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 16110-20088 (dates: 09FEB04-31DEC14) PH: 17014-20087 (dates: 01AUG06-30DEC14) MTW PH: N/A (dates: N/A) PBS8: 16130-19967 (dates: 29FEB04-01SEP14) OTHER_MF: 16832-16832 (dates: 31JAN06-31JAN06) HCV: 16922-20058 (dates: 01MAY06-01DEC14) MTW HCV: N/A (dates: N/A)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_END_DATE6**
Variable Label	[PROGRAM] END DATE-EPISODE 6
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 17715-20075 (dates: 02JUL08-01DEC14) PH: 19521-19997 (dates: 12JUN13-01OCT14) MTW PH: N/A (dates: N/A) PBS8: 18961-19936 (dates: 30NOV11-01AUG14) OTHER_MF: N/A (dates: N/A) HCV: 17715-20058 (dates: 02JUL08-01DEC14) MTW HCV: N/A (dates: N/A)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_END_DATE7**
Variable Label	[PROGRAM] END DATE-EPISODE 7
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 18962-19997 (dates: 01DEC11-01OCT14) PH: N/A (dates: N/A) MTW PH: N/A (dates: N/A) PBS8: N/A (dates: N/A) OTHER_MF: N/A HCV: 19875-19997 (dates: 01JUN14-01OCT14) MTW HCV: N/A
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_END_DATE8**
Variable Label	[PROGRAM] END DATE-EPISODE 8
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: 19997-19997 (dates: 01OCT14-01OCT14) PH: N/A (dates: N/A) MTW PH: N/A (dates: N/A) PBS8: N/A (dates: N/A) OTHER_MF: N/A (dates: N/A) HCV: N/A (dates: N/A) MTW HCV: N/A (dates: N/A)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_END_DATE9**
Variable Label	[PROGRAM] END DATE-EPISODE 9
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: N/A (dates: N/A) PH: N/A (dates: N/A) MTW PH: N/A (dates: N/A) PBS8: N/A (dates: N/A) OTHER_MF: N/A (dates: N/A) HCV: N/A (dates: N/A) MTW HCV: N/A (dates: N/A)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Episode Files

Variable Name	**[PROGRAM]_END_DATE10**
Variable Label	[PROGRAM] END DATE-EPISODE 10
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: Transaction file
Data values	Overall: N/A (dates: N/A) PH: N/A (dates: N/A) MTW PH: N/A (dates: N/A) PBS8: N/A (dates: N/A) OTHER_MF: N/A (dates: N/A) HCV: N/A (dates: N/A) MTW HCV: N/A (dates: N/A)
Notes	PROGRAM: MTW_HCV, MTW_PH, OTHER_MF, PBS8, PH, HCV, and overall (no suffix). The begin and end date variables were determined from the dates on the transaction-level file. Briefly, if the number of days between two transactions was within the recertification period (14 months for non-MTW recipients, 36 months for MTW recipients), the recipient was assumed to have been receiving assistance during that episode. If the number of days between two transactions was outside the recertification period, the end date was the previous transaction date. The SAS program code used to generate the program-specific episode files from the transaction-level file is located in the Analytic Guidelines. This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers.

Variable Details: Concurrency File

Variable Name	**PUBLICID**
Variable Label	NHIS PUBLIC ID
Variable Type and Length	CHARACTER 14
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	Identification variable
Notes	This is the identification variable for NHIS respondents and is only available in the NHIS-HUD linked data. For information on how to create PUBLICID from the public-use data, please refer to Appendix 1: Merging NCHS-HUD restricted-use data with NCHS public-use survey files.

Variable Details: Concurrency File

Variable Name	**SEQN**
Variable Label	NHANES SEQUENCE NUMBER
Variable Type and Length	NUMERIC 5
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	Identification variable
Notes	This is the identification variable for NHANES respondents and is only available in the NHANES-HUD linked data.

Variable Details: Concurrency File

Variable Name	**SURVEY_NAME**
Variable Label	SURVEY NAME
Variable Type and Length	CHARACTER 16
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	NHANES 1999-2000 NHANES 2001-2002 NHANES 2003-2004 NHANES 2005-2006 NHANES 2007-2008 NHANES 2009-2010 NHANES 2011-2012 NHIS 1999 NHIS 2000 NHIS 2001 NHIS 2002 NHIS 2003 NHIS 2004 NHIS 2005 NHIS 2006 NHIS 2007 NHIS 2008 NHIS 2009 NHIS 2010 NHIS 2011 NHIS 2012
Notes	This variable identifies the survey year/cycle for the respondent.

Variable Details: Concurrency File

Variable Name	**CON_STATEX_HCV**
Variable Label	CONCURRENCY BASED ON EXAMINATION DATE HCV
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No 9 Did not participate in NHANES MEC . Respondent did not have any HCV transaction (HCV, MTW HCV)
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the HCV program at time of MEC examination. This variable is only populated for NHANES respondents. The variable takes the value 1 if EXM_HCV is 1 or EXM_MTW_HCV is 1. Related variables: CON_STATEX_MF, CON_STATEX_PH, CON_STATUS_EXM.

Variable Details: Concurrency File

Variable Name	**CON_STATEX_MF**
Variable Label	CONCURRENCY BASED ON EXAMINATION DATE MF
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No 9 Did not participate in NHANES MEC . Respondent did not have any MF transaction (PBS8, Other MF)
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the MF program at time of MEC examination. This variable is only populated for NHANES respondents. The variable takes the value 1 if EXM_PBS8 is 1 or EXM_OTHER_MF is 1. Related variables: CON_STATEX_HCV, CON_STATEX_PH, CON_STATUS_EXM.

Variable Details: Concurrency File

Variable Details: Concurrency File

Variable Name	**CON_STATEX_PH**
Variable Label	CONCURRENCY BASED ON EXAMINATION DATE PH
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No 9 Did not participate in NHANES MEC . Respondent did not have any PH transaction (PH, MTW PH)
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the PH program at time of MEC examination. This variable is only populated for NHANES respondents. The variable takes the value 1 if EXM_PH is 1 or EXM_MTW_PH is 1. Related variables: CON_STATEX_HCV, CON_STATEX_MF, CON_STATUS_EXM.

Variable Details: Concurrency File

Variable Name	**CON_STATIN_HCV**
Variable Label	CONCURRENCY BASED ON INTERVIEW DATE HCV
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No . Respondent did not have any HCV transaction (HCV, MTW HCV)
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the HCV program at time of survey interview. The variable takes the value 1 if INT_HCV is 1 or INT_MTW_HCV is 1. Related variables: CON_STATIN_MF, CON_STATIN_PH, CON_STATUS_INT.

Variable Details: Concurrency File

Variable Name	**CON_STATIN_MF**
Variable Label	CONCURRENCY BASED ON INTERVIEW DATE MF
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No . Respondent did not have any MF transaction (PBS8, Other MF)
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the MF program at time of survey interview. The variable takes the value 1 if INT_PBS8 is 1 or INT_OTHER_MF is 1. Related variables: CON_STATIN_HCV, CON_STATIN_PH, CON_STATUS_INT.

Variable Details: Concurrency File

Variable Name	**CON_STATIN_PH**
Variable Label	CONCURRENCY BASED ON INTERVIEW DATE PH
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No . Respondent did not have any PH transaction (PH, MTW PH)
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the PH program at time of survey interview. The variable takes the value 1 if INT_PH is 1 or INT_MTW_PH is 1. Related variables: CON_STATIN_HCV, CON_STATIN_MF, CON_STATUS_INT.

Variable Details: Concurrency File

Variable Name	**CON_STATUS_EXM**
Variable Label	CONCURRENCY BASED ON EXAMINATION DATE
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No 9 Did not participate in NHANES MEC
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through any HUD program at time of MEC examination. This variable is populated for NHANES respondents. This variable takes the value 1 if CON_STATEX_HCV is 1 or CON_STATEX_MF is 1 or CON_STATEX_PH is 1. Related variables: CON_STATEX_HCV, CON_STATEX_MF, CON_STATEX_PH.

Variable Details: Concurrency File

Variable Name	**CON_STATUS_INT**
Variable Label	CONCURRENCY BASED ON INTERVIEW DATE
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through any HUD program at time of survey interview. This variable takes the value 1 if CON_STATIN_HCV is 1 or CON_STATIN_MF is 1 or CON_STATIN_PH is 1. Related variables: CON_STATIN_HCV, CON_STATIN_MF, CON_STATIN_PH.

Variable Details: Concurrency File

Variable Name	**DT_LASTTRAN_ANY**
Variable Label	DATE OF THE LAST TRANSACTION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, transaction file
Data values	13331-20088 (dates: 01JUL96-31DEC14)
Notes	This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers. Related variables: DT_LASTTRAN_HCV, DT_LASTTRAN_MF, DT_LASTTRAN_PH.

Variable Details: Concurrency File

Variable Name	**DT_LASTTRAN_HCV**
Variable Label	DATE OF THE LAST HCV TRANSACTION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, transaction file
Data values	14579-20088 (dates: 01DEC99-31DEC14) Blank Linked respondent did not have an HCV (non-MTW HCV, MTW HCV) transaction
Notes	This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers. Related variables: DT_LASTTRAN_ANY, DT_LASTTRAN_MF, DT_LASTTRAN_PH.

Variable Details: Concurrency File

Variable Name	**DT_LASTTRAN_MF**
Variable Label	DATE OF THE LAST MF TRANSACTION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, transaction file
Data values	13331-19997 (dates: 01JUL96-01OCT14) Blank Linked respondent did not have an MF transaction
Notes	This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers. Related variables: DT_LASTTRAN_ANY, DT_LASTTRAN_HCV, DT_LASTTRAN_PH.

Variable Details: Concurrency File

Variable Name	**DT_LASTTRAN_PH**
Variable Label	DATE OF THE LAST PH TRANSACTION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, transaction file
Data values	14579-20088 (dates: 01DEC99-31DEC14) Blank Linked respondent did not have an PH (non-MTW PH, MTW PH) transaction
Notes	This variable is stored as a SAS date. This is a value that represents the number of days between January 1, 1960, and the specified date. Dates before January 1, 1960, are negative numbers: dates after this date are positive numbers. Related variables: DT_LASTTRAN_ANY, DT_LASTTRAN_HCV, DT_LASTTRAN_MF.

Variable Details: Concurrency File

Variable Name	**EXM_HCV**
Variable Label	CONCURRENCY BASED ON EXAMINATION DATE NON-MTW HCV
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No 9 Did not participate in NHANES MEC . Did not have any non-MTW HCV transaction
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the non-MTW HCV program at time of MEC examination. This variable is only populated for NHANES respondents. Related variables: EXM_MTW_HCV, EXM_MTW_PH, EXM_OTHER_MF, EXM_PBS8, EXM_PH, CON_STATUS_EXM.

Variable Details: Concurrency File

Variable Name	**EXM_MTW_HCV**
Variable Label	CONCURRENCY BASED ON EXAMINATION DATE MTW HCV
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No 9 Did not participate in NHANES MEC . Did not have any MTW HCV transaction
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the MTW HCV program at time of MEC examination. This variable is only populated for NHANES respondents. Related variables: EXM_HCV, EXM_MTW_PH, EXM_OTHER_MF, EXM_PBS8, EXM_PH, CON_STATUS_EXM.

Variable Details: Concurrency File

Variable Name	**EXM_MTW_PH**
Variable Label	CONCURRENCY BASED ON EXAMINATION DATE MTW PH
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No 9 Did not participate in NHANES MEC . Did not have any MTW PH transaction
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the MTW PH program at time of MEC examination. This variable is only populated for NHANES respondents. Related variables: EXM_HCV, EXM_MTW_HCV, EXM_OTHER_MF, EXM_PBS8, EXM_PH, CON_STATUS_EXM.

Variable Details: Concurrency File

Variable Name	**EXM_OTHER_MF**
Variable Label	CONCURRENCY BASED ON EXAMINATION DATE OTHER MF
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No 9 Did not participate in NHANES MEC . Did not have any Other MF transaction
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the non-PB S8 MF program at time of MEC examination. This variable is only populated for NHANES respondents. Related variables: EXM_HCV, EXM_MTW_HCV, EXM_MTW_PH, EXM_PBS8, EXM_PH, CON_STATUS_EXM.

Variable Details: Concurrency File

Variable Name	**EXM_PBS8**
Variable Label	CONCURRENCY BASED ON EXAMINATION DATE PBS8
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No 9 Did not participate in NHANES MEC . Did not have any PBS8 transaction
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the PB S8 program at time of MEC examination. This variable is only populated for NHANES respondents. Related variables: EXM_HCV, EXM_MTW_HCV, EXM_MTW_PH, EXM_OTHER_MF, EXM_PH, CON_STATUS_EXM.

Variable Details: Concurrency File

Variable Name	**EXM_PH**
Variable Label	CONCURRENCY BASED ON EXAMINATION DATE NON-MTW PH
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No 9 Did not participate in NHANES MEC . Did not have any non-MTW PH transaction
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the non-MTW PH program at time of MEC examination. This variable is only populated for NHANES respondents. Related variables: EXM_HCV, EXM_MTW_HCV, EXM_MTW_PH, EXM_OTHER_MF, EXM_PBS8, CON_STATUS_EXM.

Variable Details: Concurrency File

Variable Name	**INT_HCV**
Variable Label	CONCURRENCY BASED ON INTERVIEW DATE NON-MTW HCV
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No . Did not have any non-MTW HCV transaction
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the non-MTW HCV program at time of survey interview. This variable is only populated for NHANES respondents. Related variables: INT_MTW_HCV, INT_MTW_PH, INT_OTHER_MF, INT_PBS8, INT_PH, CON_STATUS_INT.

Variable Details: Concurrency File

Variable Name	**INT_MTW_HCV**
Variable Label	CONCURRENCY BASED ON INTERVIEW DATE MTW HCV
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No . Did not have any MTW HCV transaction
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the MTW HCV program at time of survey interview. This variable is only populated for NHANES respondents. Related variables: INT_HCV, INT_MTW_PH, INT_OTHER_MF, INT_PBS8, INT_PH, CON_STATUS_INT.

Variable Details: Concurrency File

Variable Name	**INT_MTW_PH**
Variable Label	CONCURRENCY BASED ON INTERVIEW DATE MTW PH
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No . Did not have any MTW PH transaction
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the MTW PH program at time of survey interview. This variable is only populated for NHANES respondents. Related variables: INT_HCV, INT_MTW_HCV, INT_OTHER_MF, INT_PBS8, INT_PH CON_STATUS_INT.

Variable Details: Concurrency File

Variable Name	**INT_OTHER_MF**
Variable Label	CONCURRENCY BASED ON INTERVIEW DATE OTHER MF
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No . Did not have any Other MF transaction
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the non-PB S8 MF program at time of survey interview. This variable is only populated for NHANES respondents. Related variables: INT_HCV, INT_MTW_HCV, INT_MTW_PH, INT_PBS8, INT_PH CON_STATUS_INT.

Variable Details: Concurrency File

Variable Name	**INT_PBS8**
Variable Label	CONCURRENCY BASED ON INTERVIEW DATE PBS8
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No . Did not have any PBS8 transaction
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the PB S8 program at time of survey interview. This variable is only populated for NHANES respondents. Related variables: INT_HCV, INT_MTW_HCV, INT_MTW_PH, INT_OTHER_MF, INT_PH, CON_STATUS_INT.

Variable Details: Concurrency File

Variable Name	**INT_PH**
Variable Label	CONCURRENCY BASED ON INTERVIEW DATE NON-MTW PH
Variable Type and Length	NUMERIC 3
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1 Yes 0 No . Did not have any non-MTW PH transaction
Notes	This is a binary variable to indicate that the respondent received HUD housing assistance through the non-MTW PH program at time of survey interview. This variable is only populated for NHANES respondents. Related variables: INT_HCV, INT_MTW_HCV, INT_MTW_PH, INT_OTHER_MF, INT_PBS8, CON_STATUS_INT.

Variable Details: Concurrency File

Variable Name	**TIME_A_EXM**
Variable Label	NUMBER OF DAYS BETWEEN EXAMINATION AND NEXT TRANSACTION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1-5036 Blank Missing
Notes	Value is the minimum non-missing value of TIME_A_HCV_EXM, TIME_A_MF_EXM, and TIME_A_PH_EXM. Related variables: TIME_A_HCV_EXM, TIME_A_MF_EXM, TIME_A_PH_EXM, CON_STATUS_EXM. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_A_HCV_EXM**
Variable Label	NUMBER OF DAYS BETWEEN EXAMINATION AND NEXT TRANSACTION HCV
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1-5477 Blank Missing
Notes	Determined using the HCV episode file and the date of the examination. Variable is only populated for respondents not concurrent in HCV. Related variables: TIME_A_EXM, TIME_A_MF_EXM, TIME_A_PH_EXM, CON_STATUS_EXM. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_A_MF_EXM**
Variable Label	NUMBER OF DAYS BETWEEN EXAMINATION AND NEXT TRANSACTION MF
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	2-4886 Blank Missing
Notes	Determined using the MF file and the date of the examination. Variable is only populated for respondents not concurrent in MF. Related variables: TIME_A_EXM, TIME_A_HCV_EXM, TIME_A_PH_EXM, CON_STATUS_EXM. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_A_PH_EXM**
Variable Label	NUMBER OF DAYS BETWEEN EXAMINATION AND NEXT TRANSACTION PH
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	3-5253 Blank Missing
Notes	Determined using the PH episode file and the date of the examination. Variable is only populated for respondents not concurrent in PH. Related variables: TIME_A_EXM, TIME_A_HCV_EXM, TIME_A_MF_EXM, CON_STATUS_EXM. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_B_EXM**
Variable Label	NUMBER OF DAYS BETWEEN EXAMINATION AND PREVIOUS TRANSACTION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1-5747 Blank Missing
Notes	Value is the minimum non-missing value of TIME_A_HCV_EXM, TIME_A_MF_EXM, and TIME_A_PH_EXM. Related variables: TIME_B_EXM, TIME_B_HCV_EXM, TIME_B_MF_EXM, TIME_B_PH_EXM, CON_STATUS_EXM. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_B_HCV_EXM**
Variable Label	NUMBER OF DAYS BETWEEN EXAMINATION AND PREVIOUS TRANSACTION HCV
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1-4471 Blank Missing
Notes	Determined using the HCV episode file and the date of the examination. Variable is only populated for respondents not concurrent in HCV. Related variables: TIME_B_EXM, TIME_B_MF_EXM, TIME_B_PH_EXM, CON_STATUS_EXM. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_B_MF_EXM**
Variable Label	NUMBER OF DAYS BETWEEN EXAMINATION AND PREVIOUS TRANSACTION MF
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1-5747 Blank Missing
Notes	Determined using the MF episode file and the date of the examination. Variable is only populated for respondents not concurrent in MF. Related variables: TIME_B_EXM, TIME_B_HCV_EXM, TIME_B_PH_EXM, CON_STATUS_EXM. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_B_PH_EXM**
Variable Label	NUMBER OF DAYS BETWEEN EXAMINATION AND PREVIOUS TRANSACTION PH
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	4-4414 Blank Missing
Notes	Determined using the PH episode file and the date of the examination. Variable is only populated for respondents not concurrent in PH. Related variables: TIME_B_EXM, TIME_B_HCV_EXM, TIME_B_MF_EXM, CON_STATUS_EXM. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_A_INT**
Variable Label	NUMBER OF DAYS BETWEEN SURVEY AND NEXT TRANSACTION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1-5641 Blank Missing
Notes	Value is the minimum non-missing value of TIME_A_HCV_INT, TIME_A_MF_INT, and TIME_A_PH_INT. Related variables: TIME_A_INT, TIME_A_HCV_INT, TIME_A_MF_INT, TIME_A_PH_INT, CON_STATUS_INT. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_A_HCV_INT**
Variable Label	NUMBER OF DAYS BETWEEN SURVEY AND NEXT TRANSACTION HCV
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1-5641 Blank Missing
Notes	Determined using the HCV episode file and the date of the interview. Variable is only populated for respondents not concurrent in HCV. Related variables: TIME_A_INT, TIME_A_MF_INT, TIME_A_PH_INT, CON_STATUS_INT. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_A_MF_INT**
Variable Label	NUMBER OF DAYS BETWEEN SURVEY AND NEXT TRANSACTION MF
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1-5564 Blank Missing
Notes	Determined using the MF file and the date of the interview. Variable is only populated for respondents not concurrent in MF. Related variables: TIME_A_INT, TIME_A_HCV_INT, TIME_A_PH_INT, CON_STATUS_INT. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_A_PH_INT**
Variable Label	NUMBER OF DAYS BETWEEN SURVEY AND NEXT TRANSACTION PH
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1-5455 Blank Missing
Notes	Determined using the PH episode file and the date of the interview. Variable is only populated for respondents not concurrent in PH. Related variables: TIME_A_INT, TIME_A_HCV_INT, TIME_A_MF_INT, CON_STATUS_INT. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_B_INT**
Variable Label	NUMBER OF DAYS BETWEEN SURVEY AND PREVIOUS TRANSACTION
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1-5975 Blank Missing
Notes	Value is the minimum non-missing value of TIME_B_HCV_INT, TIME_B_MF_INT, and TIME_B_PH_INT. Related variables: TIME_B_INT, TIME_B_HCV_INT, TIME_B_MF_INT, TIME_B_PH_INT, CON_STATUS_INT. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_B_HCV_INT**
Variable Label	NUMBER OF DAYS BETWEEN SURVEY AND PREVIOUS TRANSACTION HCV
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1-4690 Blank Missing
Notes	Determined using the HCV episode file and the date of the interview. Variable is only populated for respondents not concurrent in HCV. Related variables: TIME_B_INT, TIME_B_MF_INT, TIME_B_PH_INT, CON_STATUS_INT. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_B_MF_INT**
Variable Label	NUMBER OF DAYS BETWEEN SURVEY AND PREVIOUS TRANSACTION MF
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1-5975 Blank Missing
Notes	Determined using the MF episode file and the date of the interview. Variable is only populated for respondents not concurrent in MF. Related variables: TIME_B_INT, TIME_B_HCV_INT, TIME_B_PH_INT, CON_STATUS_INT. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Concurrency File

Variable Name	**TIME_B_PH_INT**
Variable Label	NUMBER OF DAYS BETWEEN SURVEY AND PREVIOUS TRANSACTION PH
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, episode file
Data values	1-4635 Blank Missing
Notes	Determined using the PH episode file and the date of the interview. Variable is only populated for respondents not concurrent in PH. Related variables: TIME_B_INT, TIME_B_HCV_INT, TIME_B_MF_INT, CON_STATUS_INT. Due to the potential risk of respondent disclosure, this variable is not directly accessible to researchers. Instead, researchers can request a derived categorical variable based on this variable. Please refer to the Analytic Guidelines.

Variable Details: Weights File

Variable Name	**PUBLICID**
Variable Label	NHIS PUBLIC ID
Variable Type and Length	CHARACTER 14
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	Identification variable
Notes	This is the identification variable for NHIS respondents and is only available in the NHIS-HUD linked data. For information on how to create PUBLICID from the public-use data, please refer to Appendix 1: Merging NCHS-HUD restricted-use data with NCHS public-use survey files.

Variable Details: Weights File

Variable Name	**SEQN**
Variable Label	NHANES SEQUENCE NUMBER
Variable Type and Length	NUMERIC 5
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	Identification variable
Notes	This is the identification variable for NHANES respondents and is only available in the NHANES-HUD linked data.

Variable Details: Weights File

Variable Name	**SURVEY_NAME**
Variable Label	SURVEY NAME
Variable Type and Length	CHARACTER 16
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS Survey
Data values	NHANES 1999-2000 NHANES 2001-2002 NHANES 2003-2004 NHANES 2005-2006 NHANES 2007-2008 NHANES 2009-2010 NHANES 2011-2012 NHIS 1999 NHIS 2000 NHIS 2001 NHIS 2002 NHIS 2003 NHIS 2004 NHIS 2005 NHIS 2006 NHIS 2007 NHIS 2008 NHIS 2009 NHIS 2010 NHIS 2011 NHIS 2012
Notes	This variable identifies the survey year/cycle for the respondent.

Variable Details: Weights File

Variable Name	**ADJ_INTWT**
Variable Label	ADJUSTED NHANES INTERVIEW WEIGHT
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, feasibility file
Data values	Varies by survey year. Blank Linkage ineligible
Notes	This variable is only populated for NHANES respondents. Sample weights for respondents of the 1999-2012 NHANES-HUD linked file were adjusted using model-based calibration to account linkage eligibility. The adjustment reweights the data to preserve the correct population totals within age, sex, and race/ethnicity cross-stratifications. The new eligibility adjusted sample weights should be used in place of the original NHANES sample weights to prevent biased estimates.

Variable Details: Weights File

Variable Name	**ADJ_MECWT**
Variable Label	ADJUSTED NHANES MOBILE EXAMINATION CLINIC WEIGHT
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, feasibility file
Data values	Varies by survey year Blank Missing MEC weight or linkage ineligible
Notes	This variable is only populated for NHANES respondents who were administered the MEC. Sample weights for MEC respondents of the 1999-2012 NHANES-HUD linked file were adjusted using model-based calibration to account for linkage eligibility. The adjustment reweights the data to preserve the correct population totals within age, sex, and race/ethnicity cross-stratifications. The eligibility adjusted sample weights should be used in place of the original NHANES MEC sample weights to prevent biased estimates.

Variable Details: Weights File

Variable Name	**ADJ_PERWT**
Variable Label	ADJUSTED NHIS PERSON WEIGHT
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, feasibility file
Data values	Varies by survey year Blank Linkage ineligible
Notes	This variable is only populated for NHIS respondents. Sample weights for respondents of the 1999-2012 NHIS-HUD linked file were adjusted using model-based calibration to account for linkage eligibility. The adjustment reweights the data to preserve the correct population totals within age, sex, and race/ethnicity cross-stratifications. The eligibility adjusted sample weights should be used in place of the original NHIS person weights to prevent biased estimates.

Variable Details: Weights File

Variable Name	**ADJ_SCWT**
Variable Label	ADJUSTED NHIS SAMPLE CHILD WEIGHT
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, feasibility file
Data values	Varies by survey year Blank Missing sample child weight or linkage ineligible
Notes	This variable is only populated for NHIS sample children. Sample weights for sample children of the 1999-2012 NHIS-HUD linked file were adjusted using model-based calibration to account for linkage eligibility. The adjustment reweights the data to preserve the correct population totals within age, sex, and race/ethnicity cross-stratifications. The eligibility adjusted sample weights should be used in place of the original NHIS sample child weights to prevent biased estimates.

Variable Name	**ADJ_SAWT**
Variable Label	ADJUSTED NHIS SAMPLE ADULT WEIGHT
Variable Type and Length	NUMERIC 8
Data Sources More information about HUD administrative data sources is found in the *Analytic Guidelines*.	PIC: N/A PIC MTW: N/A TRACS: N/A Derived from: NCHS survey, feasibility file
Data values	Varies by survey year Blank Missing sample adult weight or linkage ineligible
Notes	This variable is only populated for NHIS sample adults. Sample weights for respondents of the 1999-2012 NHIS-HUD linked file were adjusted using model-based calibration to account for linkage eligibility. The adjustment reweights the data to preserve the correct population totals within age, sex, and race/ethnicity cross-stratifications. The eligibility adjusted sample weights should be used in place of the original NHIS sample adult weights to prevent biased estimates.

Appendix 1. Merging NCHS-HUD restricted-use data with NCHS public-use survey files

The linked data files are only available through the NCHS RDC. Researchers with approved RDC proposals may provide analytic files created from public use survey files to the RDC, which the RDC analyst can merge to the NCHS-HUD Linked Data. Therefore, it is important for researchers to include the correct survey person identification number: PUBLICID (for NHIS), or SEQN (for NHANES).

The restricted-use NCHS-linked files can be merged with the public-use NCHS survey data files using unique person identifiers: PUBLIC for NHIS and SEQN for NHANES. For NHIS, construction of PUBLICID differs across years.

It is important to note the construction of PUBLICID varies by year in NHIS. On the NHIS surveys, researchers need to construct the person identification number (PUBLICID) from the following variables. The number and public-use location varies by NHIS survey year. Below is information on creating PUBLICID from variables in the NHIS person file.

NHIS 1999-2003
The data items survey year (SRVY_YR), Household number (HHX), Family number (FMX), and Person number (PX) identify a respondent within each NHIS. These data items must be concatenated to obtain the unique personal identifier (PUBLIC) used in the NHIS-HUD linked file.

Variable	Public-use Location	Length	Description
SRVY_YR	3-6	4	Year of interview
HHX	7-12	6	Household serial number
FMX	13-14	2	Family number
PX	15-16	2	Person number within Household

SAS example:
```
length publicid $14;
PUBLICID = trim(left(SRVY_YR||HHX|| FMX||PX));
```

Note: The SAS input statements available from the NHIS public-use data website do NOT input all of the variables as character and they must be in character format for the concatenation.

Stata example: (note this will convert the variables to a string variable)
```
egen PUBLICID = concat(SRVY_YR HHX FMX PX)
```

*The data item Person Number was called PX in the 1999-2003 NHIS and FPX in the 2004-2012 NHIS. Users may find it necessary to create an FPX variable in the 2003 and earlier datasets (or PX in later datasets).

NHIS 2004

The data items survey year (SRVY_YR), Household number (HHX), Family number (FMX), and Person number (FPX) identify a respondent within each NHIS. These data items must be concatenated to obtain the unique personal identifier (PUBLIC) used in the NHIS-HUD linked file.

Variable	Location	Length	Description
SRVY_YR	3-6	4	Year of interview
HHX	7-12	6	Household serial number
FMX	13-14	2	Family number
FPX	15-16	2	Person number

SAS example:
length publicid $**14**;
PUBLICID = trim(left(SRVY_YR||HHX||FMX||FPX));

Stata example: (note this will convert the variables to a string variable)
egen PUBLICID = concat(SRVY_YR HHX FMX FPX)

NHIS 2005 – 2012
The data items survey year (SRVY_YR), Household number (HHX), Family number (FMX), and Person number (FPX) identify a respondent within each NHIS. These data items must be concatenated to obtain the unique personal identifier (PUBLIC) used in the NHIS-HUD linked file.

Variable	Location	Length	Description
SRVY_YR	3-6	4	Year of interview
HHX	7-12	6	Household serial number
FMX	16-17	2	Family number
FPX	18-19	2	Person number

SAS example:
length publicid $14;
PUBLICID = trim(left(SRVY_YR||HHX||FMX||FPX));

Stata example: (note this will convert the variables to a string variable)
egen PUBLICID = concat(SRVY_YR HHX FMX FPX)