

# AHS Mini Codebook

## 1978 Metro Variables

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| Topic:        | Admin  | Subtopic: | Interview Status        |
|---------------|--|-----------|-------------------------|
| Variable Name | Description  |           | Availability            |
| CONTROL       | Control number   |           | PUF                     |
| HISTORY       | Status of unit   |           | PUF                     |
| ISTATUS       | Interview status   |           | PUF                     |
| STATUS        | Occupancy status   |           | PUF                     |
| IMONTH        | Interview panel  |           | PUF                     |
| Topic:        | Admin  | Subtopic: | Edit Variables          |
| Variable Name | Description  |           | Availability            |
| ALLXXXX       | Edit flag for XXXXX (where XXXXX represents the reference of the variable) |           | PUF                     |
| Topic:        | Admin  | Subtopic: | Geography               |
| Variable Name | Description  |           | Availability            |
| STATE         | State code   |           | PUF                     |
| METRO         | Central city / suburban status   |           | PUF                     |
| SMSA          | 1970 design PMSA code  |           | PUF                     |
| COUNTY        | County code  |           | PUF                     |
| Topic:        | Admin  | Subtopic: | Weighting               |
| Variable Name | Description  |           | Availability            |
| WEIGHT        | Weight of each case in the sample  |           | PUF                     |
| Topic:        | Occupancy and Tenure   | Subtopic: | Tenure                  |
| Variable Name | Description  |           | Availability            |
| OWNLOT        | Household owns the land  |           | PUF                     |
| TENURE        | Owner or renter status of unit   |           | PUF                     |
| OWNHERE       | Owner / resident manager lives on-site                                     |           | PUF                     |
| BUYR          | When property was purchased  |           | PUF                     |
| ZSPEC         | Recoded owner or renter status   |           | PUF                     |
| IFF           | Apartment or house rented furnished  |           | PUF                     |
| YRBUYM        | Year acquired mobile home or trailer - fewer than 10 acres                 |           | PUF                     |
| ZTRV          | Recoded composite tenure, race, and vacancy                                |           | PUF                     |
| WHYNCR        | Reason for no cash payment   |           | PUF                     |
| Topic:        | Occupancy and Tenure   | Subtopic: | Vacancy Characteristics |
| Variable Name | Description  |           | Availability            |

|                      |   |                                    |
|----------------------|---|------------------------------------|
| VACANCY              | Vacancy status  | PUF                                |
| MOVAC                | Number of months unit has been vacant                                 | PUF                                |
| <b>Topic:</b>        | <b>Structural</b>   | <b>Subtopic: Exterior Features</b> |
| <b>Variable Name</b> | <b>Description</b>  | <b>Availability</b>                |
| GARAGE               | Garage or carport available   | PUF                                |
| INCP                 | Off-street parking included   | PUF                                |
| LOT                  | Square footage of lot   | PUF                                |
| ACCESS               | Direct access to unit   | PUF                                |
| OWNSIT               | Site owned (rented mobile homes only)                                 | PUF                                |
| TIED                 | Mobile home is secured by tie downs                                   | PUF                                |
| IFP                  | Parking facilities available with building (renter)                   | PUF                                |
| ZPARK                | Parking facilities present at unit (recode for recent movers only)    | PUF                                |
| ZPARK2               | Parking availability (recode)   | PUF                                |
| FARP                 | Parking space away from building                                      | PUF                                |
| <b>Topic:</b>        | <b>Structural</b>   | <b>Subtopic: General</b>           |
| <b>Variable Name</b> | <b>Description</b>  | <b>Availability</b>                |
| NUNITS               | Number of living units in building                                    | PUF                                |
| BUILT                | Year unit was built   | PUF                                |
| CLIMB                | Number of stories from main entrance to unit                          | PUF                                |
| ELEV                 | Passenger elevator in building  | PUF                                |
| FLOORS               | Number of stories in building   | PUF                                |
| TYPE                 | Housing unit type   | PUF                                |
| OTHLQ                | Other living quarters on property                                     | PUF                                |
| DOCS                 | Medical or dental office in building                                  | PUF                                |
| SHOPS                | Commercial establishments in building                                 | PUF                                |
| MGRHERE              | Manager, superintendent, or janitor lives here                        | PUF                                |
| NEWM                 | Mobile home new when acquired (mobile home on less than 10 acres)     | PUF                                |
| ZBUILT               | Unit was added through new construction since last enumeration period | PUF                                |
| <b>Topic:</b>        | <b>Structural</b>   | <b>Subtopic: Interior Features</b> |
| <b>Variable Name</b> | <b>Description</b>  | <b>Availability</b>                |
| BATHS                | Number of bathrooms in unit   | PUF                                |
| BEDRMS               | Number of bedrooms in unit  | PUF                                |
| CELLAR               | Unit has a basement   | PUF                                |
| KITCHEN              | Complete kitchen facilities in unit                                   | PUF                                |
| RECRM                | Inadequate outdoor recreation facilities is bothersome                | PUF                                |
| ROOMS                | Number of rooms in unit   | PUF                                |

|  |   |                                      |
|--|---|--------------------------------------|
| LTS                                    | Light fixtures in building's public halls                     | PUF                                  |
| PRIVB                                  | Necessary to go through any bedroom to reach any bathroom     | PUF                                  |
| PRIVN                                  | Necessary to go through bedroom to reach any other room       | PUF                                  |
| INSUL                                  | Attic or roof insulation present                              | PUF                                  |
| NUM3BED                                | Number of bedrooms used for sleeping by three or more persons | PUF                                  |
| <b>Topic: Equipment and Appliances</b> |   | <b>Subtopic: Appliances</b>          |
| <b>Variable Name</b>                   | <b>Description</b>  | <b>Availability</b>                  |
| CFUEL                                  | Fuel used most for cooking                                    | PUF                                  |
| PHONE                                  | Telephone available for use                                   | PUF                                  |
| TRASH                                  | Unit has garbage collection services                          | PUF                                  |
| APPOK                                  | Sink, refrigerator, range all usable                          | PUF                                  |
| DISP                                   | Means of garbage disposal                                     | PUF                                  |
| <b>Topic: Equipment and Appliances</b> |   | <b>Subtopic: Cooling</b>             |
| <b>Variable Name</b>                   | <b>Description</b>  | <b>Availability</b>                  |
| AIR                                    | Room air conditioner  | PUF                                  |
| AIRSYS                                 | Central air conditioning                                      | PUF                                  |
| NUMAIR                                 | Number of room air conditioners                               | PUF                                  |
| <b>Topic: Equipment and Appliances</b> |   | <b>Subtopic: Heating</b>             |
| <b>Variable Name</b>                   | <b>Description</b>  | <b>Availability</b>                  |
| HEQUIP                                 | Main heating equipment  | PUF                                  |
| HFUEL                                  | Fuel used most for heating unit                               | PUF                                  |
| HADDL                                  | Used additional heating equipment past winter                 | PUF                                  |
| STORMD                                 | Storm doors present   | PUF                                  |
| STORMW                                 | Storm windows / other window protection present               | PUF                                  |
| <b>Topic: Equipment and Appliances</b> |   | <b>Subtopic: Water and Sewer</b>     |
| <b>Variable Name</b>                   | <b>Description</b>  | <b>Availability</b>                  |
| SEWDIS                                 | Type of sewage disposal                                       | PUF                                  |
| WATER                                  | Water source  | PUF                                  |
| <b>Topic: Housing Problems</b>         |   | <b>Subtopic: Electrical Problems</b> |
| <b>Variable Name</b>                   | <b>Description</b>  | <b>Availability</b>                  |
| NOWIRE                                 | Flag indicating electrical wiring concealed by walls          | PUF                                  |
| PLUGS                                  | Flag indicating every room has working electrical plug        | PUF                                  |
| IFBLOW                                 | Fuses blown or circuit breakers tripped                       | PUF                                  |
| NUMBLOW                                | Number times fuses blown or breakers tripped, past 90 days    | PUF                                  |
| <b>Topic: Housing Problems</b>         |   | <b>Subtopic: General</b>             |
| <b>Variable Name</b>                   | <b>Description</b>  | <b>Availability</b>                  |
| LTSOK                                  | Common hallway lights working                                 | PUF                                  |

ZCROWD

Persons per room

PUF

| Topic:        | Housing Problems  | Subtopic: | Heating Problems    |
|---------------|---|-----------|---------------------|
| Variable Name | Description   |           | Availability        |
| IFCOLD        | Main heating equipment broke down                         |           | PUF                 |
| NUMCOLD       | Number of times heating equipment broke down              |           | PUF                 |
| IFCLSD        | Closed rooms for warmth last winter                       |           | PUF                 |
| NUMCLSD       | Rooms closed for warmth                                   |           | PUF                 |
| NUMND         | Number of rooms without hot air ducts                     |           | PUF                 |
| Topic:        | Housing Problems  | Subtopic: | Leaking and Mold    |
| Variable Name | Description   |           | Availability        |
| BLEAK         | Water leak in basement                                    |           | PUF                 |
| RLEAK         | Water leak in roof  |           | PUF                 |
| Topic:        | Housing Problems  | Subtopic: | Pests               |
| Variable Name | Description   |           | Availability        |
| RATS          | Signs of rats or mice last 90 days                        |           | PUF                 |
| RATMIC        | Mice and / or rats in unit or building                    |           | PUF                 |
| Topic:        | Housing Problems  | Subtopic: | Plumbing Problems   |
| Variable Name | Description   |           | Availability        |
| IFDRY         | Unit completely without running water in the last 90 days |           | PUF                 |
| IFSEW         | Sewage system broke down                                  |           | PUF                 |
| IFTLT         | Any toilet breakdowns in last 3 months                    |           | PUF                 |
| NUMDRY        | Number of times completely without running water          |           | PUF                 |
| NUMSEW        | Number of sewage system breakdowns                        |           | PUF                 |
| NUMTLT        | Number of toilet breakdowns, 6 hours or more              |           | PUF                 |
| PLUMB         | Complete plumbing facilities for exclusive use            |           | PUF                 |
| PUBSEW        | Unit connected to public sewer                            |           | PUF                 |
| BADDRY        | Complete lack of running water for 6 hours or more        |           | PUF                 |
| BADSEW        | Sewage system breakdown of 6 hours or more                |           | PUF                 |
| BADTLT        | Flush toilet breakdown of 6 hours or more                 |           | PUF                 |
| WHYDRY        | Primary reason for water breakdown                        |           | PUF                 |
| WHYTLT        | Water source breakdown last 90 days                       |           | PUF                 |
| WPIPED        | Piped water in building                                   |           | PUF                 |
| Topic:        | Housing Problems  | Subtopic: | Structural Problems |
| Variable Name | Description   |           | Availability        |
| CRACKS        | Open cracks or holes in walls or ceilings                 |           | PUF                 |
| HOLES         | Holes in floor  |           | PUF                 |
| BADSTEP       | Loose, broken, or missing steps in common stairs          |           | PUF                 |

|                      |  |   |
|----------------------|--|---|
| RAILOK               | Railings on common stairs firmly attached                        | PUF   |
| PAINT                | Peeling paint over 1 square foot                                 | PUF   |
| PLASTER              | Broken plaster over 1 square foot                                | PUF   |
| DILAPM               | Wants to move due to poor interior condition                     | PUF   |
| <b>Topic:</b>        | <b>Demographics</b>  | <b>Subtopic: Total Household Demographics</b> |
| <b>Variable Name</b> | <b>Description</b>   | <b>Availability</b>                           |
| FRSTOC               | First occupants of home  | PUF   |
| NONREL               | Number of nonrelatives reporting income                          | PUF   |
| PER                  | Number of persons in household                                   | PUF   |
| <b>Topic:</b>        | <b>Demographics</b>  | <b>Subtopic: Person Demographics</b>          |
| <b>Variable Name</b> | <b>Description</b>   | <b>Availability</b>                           |
| SPAN                 | Spanish origin of head / reference person                        | PUF   |
| DLINE1               | Line number of respondent  | PUF   |
| AGE(1 - 15)          | Age of person 1 - 15   | PUF   |
| MAR(1 - 15)          | Marital status of person 1 - 15                                  | PUF   |
| PLINE(1 - 15)        | Line number for person 1 - 15                                    | PUF   |
| RACE(1 - 15)         | Race of person 1 - 15  | PUF   |
| REL(1 - 15)          | Relationship to reference person for person 1 - 15               | PUF   |
| RMYEAR               | Reference person moved here in last 12 months                    | PUF   |
| SEX(1 - 15)          | Sex of person 1 - 15   | PUF   |
| OTH6                 | Other persons under 6 years old, beyond persons 1 through 15     | PUF   |
| OTHN                 | Other nonrelatives, beyond persons 1 through 15                  | PUF   |
| OTHT                 | Other persons not counted above                                  | PUF   |
| CINLIM               | Reference person lived in city / town limits on 4/1/70           | PUF   |
| GRADE1               | Highest school grade attended by head / reference person         | PUF   |
| LINE(1 - 6)          | Line number of family adult 1 - 6                                | PUF   |
| NRLIN(1 - 4)         | Line number of nonrelative adult 1 - 4                           | PUF   |
| OTH17                | Other persons 6-17 years old, beyond persons 1 through 15        | PUF   |
| RM90                 | Reference person lived here last 90 days                         | PUF   |
| RMWINT               | Reference person lived here last winter                          | PUF   |
| TOTHOM               | Total homes reference person has owned                           | PUF   |
| ZCOMP                | Recoded household composition by age and sex of reference person | PUF   |
| CHHEAD               | Reference person's residence on 4/1/70                           | PUF   |
| CHUSAF               | Reference person in U.S. Armed Forces on 4/1/70                  | PUF   |
| IFJ                  | Reference person / head employed last week                       | PUF   |
| NOPRIV               | Anyone in 3 person bedroom over 12 years old                     | PUF   |
| <b>Topic:</b>        | <b>Income</b>  | <b>Subtopic: Total Household Income</b>       |

| Variable Name | Description  | Availability |
|---------------|--|--------------|
| CROPSL        | Flag indicating farm income of \$1,000 or more (past 12 months)            | PUF          |
| QALIM         | Family received alimony or child support                                   | PUF          |
| QDIV          | Family received money from estates, trusts or dividends                    | PUF          |
| QINT          | Family received interest income  | PUF          |
| QOTHER        | Family received other income   | PUF          |
| QRENT         | Family received net rental income  | PUF          |
| QSS           | Family received Social Security or Railroad Retirement income              | PUF          |
| QWELF         | Family received welfare or public assistance                               | PUF          |
| QWKCMP        | Family received Workers' Compensation                                      | PUF          |
| VOTHER        | Amount of other family income  | PUF          |
| ZINC          | Family income  | PUF          |
| ZINC2         | Household income   | PUF          |
| QUNEMP        | Family received unemployment compensation                                  | PUF          |
| EDIV          | Nonrelatives received estates, trusts, or dividends income                 | PUF          |
| EGOVPN        | Nonrelatives received government employee pension income                   | PUF          |
| EINT          | Nonrelatives received interest income                                      | PUF          |
| EOTHER        | Nonrelatives received other income   | PUF          |
| EOUTPR        | Nonrelatives not living in household contribute regular income             | PUF          |
| EPRVPN        | Nonrelatives received private pension and annuity income                   | PUF          |
| ERENT         | Nonrelatives received net rental income                                    | PUF          |
| ESS           | Nonrelatives received Social Security or Railroad Retirement income        | PUF          |
| EUNEMP        | Nonrelatives received unemployment compensation income                     | PUF          |
| EVET          | Nonrelatives received veteran's payments income                            | PUF          |
| EWELF         | Nonrelatives received welfare or public assistance income                  | PUF          |
| EWKCMP        | Nonrelatives received Workers' Compensation income                         | PUF          |
| PBUS          | Amount of family business or professional practice income                  | PUF          |
| PFARM         | Amount of family farm or ranch income                                      | PUF          |
| QGOVPN        | Family received income from government employee pension                    | PUF          |
| QOUTPR        | Family income from any regular contributions from persons not in household | PUF          |
| QPRVPN        | Family received income from private pension and annuity                    | PUF          |
| QVET          | Family received veteran's payments   | PUF          |
| VALIM         | Amount of alimony or child support family received                         | PUF          |
| VDIV          | Amount of family income from estates, trusts, or dividends                 | PUF          |
| VGOVPN        | Amount of family income from government employee pension program           | PUF          |
| VINT          | Amount of income from interest received by family members                  | PUF          |

|        |   |     |
|--------|---|-----|
| VOUTPR | Amount of regular family income contributed by nonrelatives not living in household | PUF |
| VPRVPN | Amount of family income from private pensions and annuities                         | PUF |
| VRENT  | Amount of family income from net rental income                                      | PUF |
| VSS    | Amount of Social Security or Railroad Retirement income received by family members  | PUF |
| VUNEMP | Amount of family income from unemployment compensation                              | PUF |
| VVET   | Amount of family income from veteran's payments                                     | PUF |
| VWELF  | Amount of family income from welfare or public assistance                           | PUF |
| VWKCMP | Amount of family income from Workers' Compensation                                  | PUF |

|               |               |                  |                      |
|---------------|---------------|------------------|----------------------|
| <b>Topic:</b> | <b>Income</b> | <b>Subtopic:</b> | <b>Person Income</b> |
|---------------|---------------|------------------|----------------------|

| Variable Name | Description  | Availability |
|---------------|--|--------------|
| SAL(1 - 6)    | Salaries and wages of family member 1 - 6 only   | PUF          |
| YALIM         | Amount of alimony or child support income received by nonrelatives                                     | PUF          |
| YDIV          | Amount of estates, trusts, or dividends income received by nonrelatives                                | PUF          |
| YFRM          | Amount of farm or ranch income received by nonrelatives  | PUF          |
| YGOVPN        | Amount of government employee pension income received by nonrelatives                                  | PUF          |
| YINT          | Amount of income from interest received by nonrelatives  | PUF          |
| YIWS          | Salaries and wages of nonrelatives only  | PUF          |
| YOTHER        | Amount of other income received by nonrelatives  | PUF          |
| YOUTPR        | Amount of regular contributions of income from people not living in household received by nonrelatives | PUF          |
| YPRVPN        | Amount of private pension and annuity income received by nonrelatives                                  | PUF          |
| YRENT         | Amount of net rental income received by nonrelatives   | PUF          |
| YSLF          | Amount of business or professional practice income received by nonrelatives                            | PUF          |
| YSS           | Amount of Social Security or Railroad Retirement income received by nonrelatives                       | PUF          |
| YUNEMP        | Amount of unemployment compensation income received by nonrelatives                                    | PUF          |
| YVET          | Amount of veteran's payments received by nonrelatives  | PUF          |
| YWELF         | Amount of welfare or public assistance income received by nonrelatives                                 | PUF          |
| YWKCMP        | Amount of Workers' Compensation income received by nonrelatives  | PUF          |

|               |               |                  |                         |
|---------------|---------------|------------------|-------------------------|
| <b>Topic:</b> | <b>Income</b> | <b>Subtopic:</b> | <b>Household Income</b> |
|---------------|---------------|------------------|-------------------------|

| Variable Name | Description | Availability |
|---------------|-------------|--------------|
|---------------|-------------|--------------|

EALIM

Nonrelatives received alimony or child support income

PUF

| Topic:        | Housing Costs   | Subtopic:    | Total Housing Cost                |
|---------------|---|--------------|-----------------------------------|
| Variable Name | Description   | Availability |                                   |
| RENT          | Monthly rent amount   | PUF          |                                   |
| AMTI          | Annual cost for fire and hazard insurance                                       | PUF          |                                   |
| AMTX          | Annual real estate tax payment  | PUF          |                                   |
| BUYI          | Household has fire and hazard insurance   | PUF          |                                   |
| FRENT         | Frequency of rent payment   | PUF          |                                   |
| INCS          | Pay separate rent for land  | PUF          |                                   |
| LRENT         | Amount of land or site rent payment   | PUF          |                                   |
| BUYX          | Owner pays real estate taxes  | PUF          |                                   |
| ZRENT         | Gross rent - contract rent plus utilities                                       | PUF          |                                   |
| COSTF         | Average monthly rent on furniture   | PUF          |                                   |
| COSTP         | Monthly cost for parking space  | PUF          |                                   |
| JOBNCR        | Type of job allowing no cash rent   | PUF          |                                   |
| PAYF          | Cost of furniture included in rent  | PUF          |                                   |
| PAYP          | Household rents a building parking space  | PUF          |                                   |
| SRENT         | Monthly rent for mobile home site - rented separately                           | PUF          |                                   |
| INSFLD        | Owner has flood insurance for home and its contents                             | PUF          |                                   |
| INSQKE        | Owner has earthquake insurance for home and its contents                        | PUF          |                                   |
| INSRFR        | Renter has fire insurance for household contents                                | PUF          |                                   |
| INSRHZ        | Renter has hazard insurance for household contents                              | PUF          |                                   |
| INSRTH        | Renter has theft insurance for household contents                               | PUF          |                                   |
| INSTHF        | Owner has theft insurance for home and its contents                             | PUF          |                                   |
| REFINS        | Applied for insurance, but was refused because of where respondent lives        | PUF          |                                   |
| REFTYP        | Type of insurance applied for and was refused because of where respondent lives | PUF          |                                   |
| Topic:        | Housing Costs   | Subtopic:    | Affordability                     |
| Variable Name | Description   | Availability |                                   |
| ZRI           | Recoded gross rent as percent of income   | PUF          |                                   |
| Topic:        | Housing Costs   | Subtopic:    | Owner's Purchase, Value, and Debt |
| Variable Name | Description   | Availability |                                   |
| HOWBUY        | How unit acquired without a mortgage  | PUF          |                                   |
| FRSTHO        | First time home buyer or owned a home previously                                | PUF          |                                   |
| LPRICE        | Purchase price of unit and land   | PUF          |                                   |
| VALUE         | Current market value of unit and land   | PUF          |                                   |



|        |   |     |
|--------|---|-----|
| SECOND | Own any other residential property and occupy it sometime during the year | PUF |
| PRICEM | Purchase price of mobile home (under 10 acres)                            | PUF |
| ZVI    | Value to income ratio   | PUF |

|               |                      |                  |                       |
|---------------|----------------------|------------------|-----------------------|
| <b>Topic:</b> | <b>Housing Costs</b> | <b>Subtopic:</b> | <b>Renter Subsidy</b> |
|---------------|----------------------|------------------|-----------------------|

| Variable Name | Description                                | Availability |
|---------------|--|--------------|
| PROJ          | Building owned by public housing authority | PUF          |
| SUB           | Federal Government pays some cost of unit  | PUF          |

|               |                      |                  |                  |
|---------------|----------------------|------------------|------------------|
| <b>Topic:</b> | <b>Housing Costs</b> | <b>Subtopic:</b> | <b>Utilities</b> |
|---------------|----------------------|------------------|------------------|

| Variable Name | Description  | Availability |
|---------------|--|--------------|
| AMTE          | Average monthly cost of electricity                                    | PUF          |
| AMTG          | Average monthly cost of gas  | PUF          |
| AMTO          | Annual cost of oil, coal, kerosene, etc.                               | PUF          |
| AMTT          | Annual cost of garbage and trash                                       | PUF          |
| AMTW          | Annual cost of water and sewage  | PUF          |
| BUYE          | Pays for electricity separately  | PUF          |
| BUYG          | Pays for gas separately  | PUF          |
| BUYO          | Pays for oil, coal, kerosene, wood etc. separately                     | PUF          |
| BUYT          | Pays for garbage or trash collection separately from real estate taxes | PUF          |
| BUYW          | Pays for water or sewage separately from real estate taxes             | PUF          |
| COSTE         | Average monthly cost of electricity (renter)                           | PUF          |
| COSTG         | Average monthly cost of gas (renter)                                   | PUF          |
| COSTO         | Average monthly cost of oil, coal, etc. (renter)                       | PUF          |
| COSTT         | Average monthly cost of garbage collection (renter)                    | PUF          |
| COSTW         | Average monthly cost of water (renter)                                 | PUF          |
| EXTERM        | Service by exterminator  | PUF          |
| PAYE          | Electricity paid by renter   | PUF          |
| PAYG          | Gas paid by renter   | PUF          |
| PAYO          | Oil, coal, kerosene, wood etc. paid by renter                          | PUF          |
| PAYT          | Garbage collection paid by renter                                      | PUF          |
| PAYW          | Water paid by renter   | PUF          |
| ZUTIL         | Utilities included in rent (recode)                                    | PUF          |
| ZUTIL2        | Utilities included in rent (recode)                                    | PUF          |
| FTRASH        | Frequency of garbage pickup  | PUF          |
| OTHF          | Furniture rented from other than landlord                              | PUF          |

|               |                         |                  |                                |
|---------------|-------------------------|------------------|--------------------------------|
| <b>Topic:</b> | <b>Mortgage Details</b> | <b>Subtopic:</b> | <b>Current Payment Details</b> |
|---------------|-------------------------|------------------|--------------------------------|

| Variable Name | Description | Availability |
|---------------|-------------|--------------|
|---------------|-------------|--------------|

|                      |   |   |
|----------------------|---|---|
| INSPMT               | Homeowner's insurance included in mortgage payment              | PUF   |
| TAXPMT               | Real estate taxes included in mortgage payment                  | PUF   |
| PMT                  | Total mortgage payment amount                                   | PUF   |
| FPMT                 | Frequency of total mortgage payment                             | PUF   |
| <b>Topic:</b>        | <b>Mortgage Details</b>   | <b>Subtopic: Mortgage Origination</b>                 |
| <b>Variable Name</b> | <b>Description</b>  | <b>Availability</b>                                   |
| AMMORT               | Amount borrowed for primary loan at time of purchase            | PUF   |
| MATBUY               | Mortgage needed to acquire the unit                             | PUF   |
| MORTIN               | Federal Government guarantor of mortgage                        | PUF   |
| NEWMOR               | New or assumed mortgage when acquired property                  | PUF   |
| MORT                 | Mortgage or other secured loan on property                      | PUF   |
| <b>Topic:</b>        | <b>Home Improvement</b>   | <b>Subtopic: General</b>                              |
| <b>Variable Name</b> | <b>Description</b>  | <b>Availability</b>                                   |
| ADD                  | Additions to property in last 12 months                         | PUF   |
| ALT                  | Alterations to property in the last 12 months                   | PUF   |
| FIX                  | Repairs to property in last 12 months                           | PUF   |
| MAJADD               | Additions to property cost \$300 or more                        | PUF   |
| MAJALT               | Alterations to property cost \$300 or more                      | PUF   |
| MAJFIX               | Repairs to property cost \$300 or more                          | PUF   |
| MAJREP               | Replacements on property cost \$300 or more                     | PUF   |
| REP                  | Replacements on property in last 12 months                      | PUF   |
| IMM                  | Expect to add, repair, fix, alter in next 12 months             | PUF   |
| MAJIMM               | Expect changes to cost \$300 or more in next 12 months          | PUF   |
| <b>Topic:</b>        | <b>Neighborhood Features</b>                                    | <b>Subtopic: General</b>                              |
| <b>Variable Name</b> | <b>Description</b>  | <b>Availability</b>                                   |
| TPARK                | Number of mobile homes in group                                 | PUF   |
| WNEAR                | Piped water available within 1/4 mile                           | PUF   |
| PARKSZ               | Number of mobile homes in large group                           | PUF   |
| <b>Topic:</b>        | <b>Neighborhood Features</b>                                    | <b>Subtopic: Nearby Features</b>                      |
| <b>Variable Name</b> | <b>Description</b>  | <b>Availability</b>                                   |
| EABAN                | Number of buildings boarded up or with broken windows on street | PUF   |
| <b>Topic:</b>        | <b>Neighborhood Features</b>                                    | <b>Subtopic: Problems with Neighbors/Neighborhood</b> |
| <b>Variable Name</b> | <b>Description</b>  | <b>Availability</b>                                   |
| CRIME                | Serious crime occurred in neighborhood in the last 12 months    | PUF   |
| ODOR                 | Bad odors present in neighborhood                               | PUF   |
| STRN                 | Street noise present in neighborhood                            | PUF   |

|        |   |     |
|--------|---|-----|
| ABAN   | Boarded-up or abandoned structures present in neighborhood                    | PUF |
| FUZZM  | How inadequate is police protection   | PUF |
| HOSPM  | Inadequate hospital or health clinic is bothersome                            | PUF |
| JUNK   | Trash, litter, or junk present in neighborhood                                | PUF |
| NONRES | Commercial, industrial, or non-residential activities present in neighborhood | PUF |
| ROAD   | Streets or roads in neighborhood continually in need of repair                | PUF |
| FUZZ   | Police protection in neighborhood is adequate                                 | PUF |
| HOSP   | Hospital or health clinic in the neighborhood is adequate                     | PUF |
| RECR   | Outdoor recreation facilities are adequate                                    | PUF |
| ZSTRM  | Desire to move due to inadequate conditions                                   | PUF |
| AIRN   | Airplane noise present in neighborhood  | PUF |
| DUMP   | Run-down houses or buildings present in neighborhood                          | PUF |
| SHPM   | Inadequate neighborhood grocery and drug stores are bothersome                | PUF |
| SNOW   | Roads blocked by snow, water, etc. in neighborhood                            | PUF |
| STRL   | Inadequate street lighting in neighborhood                                    | PUF |
| TRAF   | Heavy street traffic present in neighborhood                                  | PUF |
| TRNM   | Inadequate public transportation is bothersome                                | PUF |

| Topic: | Neighborhood Features | Subtopic: | Ratings |
|--------|-----------------------|-----------|---------|
|--------|-----------------------|-----------|---------|

| Variable Name | Description  | Availability |
|---------------|--|--------------|
| HOWH          | Rating of unit as a place to live                        | PUF          |
| HOWN          | Rating of neighborhood as place to live                  | PUF          |
| SHP           | Grocery and drug stores in neighborhood are satisfactory | PUF          |

| Topic: | Neighborhood Features | Subtopic: | School Attendance and Quality |
|--------|-----------------------|-----------|-------------------------------|
|--------|-----------------------|-----------|-------------------------------|

| Variable Name | Description  | Availability |
|---------------|--|--------------|
| SCH           | Closest public elementary school is satisfactory       | PUF          |
| SCHM          | Public elementary school is better than others in area | PUF          |

| Topic: | Recent Movers | Subtopic: | Mover Group 1 Details |
|--------|---------------|-----------|-----------------------|
|--------|---------------|-----------|-----------------------|

| Variable Name | Description                                      | Availability |
|---------------|--|--------------|
| XPER          | Number of people living in last unit before move | PUF          |

| Topic: | Recent Movers | Subtopic: | Reason for Moving |
|--------|---------------|-----------|-------------------|
|--------|---------------|-----------|-------------------|

| Variable Name | Description   | Availability |
|---------------|---|--------------|
| WHYMOVE       | Primary reason reference person moved from previous residence | PUF          |

| Topic: | Recent Movers | Subtopic: | General |
|--------|---------------|-----------|---------|
|--------|---------------|-----------|---------|

| Variable Name | Description   | Availability |
|---------------|---|--------------|
| XBEDRM        | Number of bedrooms in reference person's previous residence | PUF          |
| XLOC          | Location of previous unit                                   | PUF          |

|                      |   |                                      |
|----------------------|---|--------------------------------------|
| XCOMDOC              | Commercial, doctor, or dentist establishment at previous residence        | PUF                                  |
| XCOSTE               | Monthly cost of electricity at previous residence                         | PUF                                  |
| XCOSTG               | Monthly cost of gas at previous residence                                 | PUF                                  |
| XCOSTO               | Annual cost of oil, coal, etc. at previous residence                      | PUF                                  |
| XCOSTT               | Annual cost of garbage collection at previous residence                   | PUF                                  |
| XCOSTW               | Annual cost of water at previous residence                                | PUF                                  |
| XIFF                 | Previous residence rented furnished                                       | PUF                                  |
| XLOT                 | Previous house on lot of 10 acres or more (owner)                         | PUF                                  |
| XLOTR                | Previous house on lot of 10 acres or more (renter)                        | PUF                                  |
| XNUNITS              | Number of living quarters in previous residence                           | PUF                                  |
| XPAYE                | At previous residence household paid for electricity                      | PUF                                  |
| XPAYG                | At previous residence household paid for gas                              | PUF                                  |
| XPAYO                | At previous residence household paid for oil, coal, etc.                  | PUF                                  |
| XPAYT                | At previous residence household paid for garbage collection               | PUF                                  |
| XPAYW                | At previous residence household paid for water                            | PUF                                  |
| XPLUMB               | Complete plumbing in previous residence                                   | PUF                                  |
| XPROJ                | Previous residence in publicly owned housing                              | PUF                                  |
| XRENT                | Monthly rent for previous residence                                       | PUF                                  |
| XROOMS               | Number of rooms in reference person's previous residence                  | PUF                                  |
| XSUB                 | Government subsidy at previous residence                                  | PUF                                  |
| XTENURE              | Tenure while at previous residence  | PUF                                  |
| XVALUE               | Previous property sale value  | PUF                                  |
| ZXCROWD              | Recoded persons per room-previous residence                               | PUF                                  |
| ZXRENT               | Recoded gross rent for previous residence                                 | PUF                                  |
| ZXTEN                | Recoded specified owner of previous residence                             | PUF                                  |
| XIFP                 | Previous residence parking available with building                        | PUF                                  |
| XINCP                | Previous residence parking space included in rent                         | PUF                                  |
| XPAYF                | At previous residence furniture included in rent                          | PUF                                  |
| XPAYP                | At previous residence household rented a parking space                    | PUF                                  |
| ZXPARK               | Recoded parking facilities previous unit                                  | PUF                                  |
| XCOSTF               | Monthly rent for furniture at previous residence                          | PUF                                  |
| XCOSTP               | Monthly cost of parking space at previous residence                       | PUF                                  |
| XFARP                | Previous residence neighborhood parking was not connected to the building | PUF                                  |
| XOTHF                | Previous residence furniture rented from non-landlord                     | PUF                                  |
| <b>Topic:</b>        | <b>Recent Movers</b>  | <b>Subtopic: Person-Level Movers</b> |
| <b>Variable Name</b> | <b>Description</b>  | <b>Availability</b>                  |
| XHEAD                | Previous unit owned or rented by one who moved here                       | PUF                                  |

XMEMB Respondent was member of household in previous residence PUF

| Topic:        | Healthy Homes  | Subtopic:    | Water Quality |
|---------------|--|--------------|---------------|
| Variable Name | Description  | Availability |               |
| WELL          | Well drilled or dug  | PUF          |               |
| Topic:        | Commuting  | Subtopic:    | General       |
| Variable Name | Description  | Availability |               |
| CARS          | Number of household cars including company owned vehicles                      | PUF          |               |
| TRUCKS        | Number of household trucks including company owned                             | PUF          |               |
| DISTJ         | One-way distance from home to work - reference person                          | PUF          |               |
| TIMEJ         | Minutes required for journey to work (one way) - reference person              | PUF          |               |
| VEHCL         | Car or truck driven to work - reference person                                 | PUF          |               |
| TRN           | Public transportation adequate   | PUF          |               |
| HEDJOB        | Reports to same place each day to start work - reference person                | PUF          |               |
| TRANSJ        | Main means of transportation to work - reference person                        | PUF          |               |
| SAMTWN        | Live in same town as work  | PUF          |               |
| WKTOWN        | Work in incorporated city or town - reference person                           | PUF          |               |
| DCLAFF        | Reason that home is more than 5 miles from work: can't afford closer home      | PUF          |               |
| DCLAVL        | Reason that home is more than 5 miles from work: no closer home available      | PUF          |               |
| DCLCHG        | Reason that home is more than 5 miles from work: don't like change             | PUF          |               |
| DCLFMJ        | Reason that home is more than 5 miles from work: other household members' jobs | PUF          |               |
| DCLHSE        | Reason that home is more than 5 miles from work: dislike closer homes          | PUF          |               |
| DCLOTH        | Reason that home is more than 5 miles from work: other negative reason         | PUF          |               |
| DCLPEO        | Reason that home is more than 5 miles from work: dislike closer people         | PUF          |               |
| DCLSCH        | Reason that home is more than 5 miles from work: poor schools closer           | PUF          |               |
| DCLSHP        | Reason that home is more than 5 miles from work: inconvenient shopping closer  | PUF          |               |
| DCLTMP        | Reason that home is more than 5 miles from work: job is temporary              | PUF          |               |
| MOVEHW        | Would move to worksite if housing affordable                                   | PUF          |               |
| REASON        | Main reason for living more than 5 miles from reference person's work          | PUF          |               |
| WAFORD        | Reason that home is more than 5 miles from work: can afford present home       | PUF          |               |

|        |  |     |
|--------|--|-----|
| WCOMF  | Reason that home is more than 5 miles from work: used to present home                  | PUF |
| WDIST  | Home is more than 5 miles from work: objects to distance traveled                      | PUF |
| WFAMJB | Reason that home is more than 5 miles from work: close to other household member's job | PUF |
| WHOUSE | Reason that home is more than 5 miles from work: like present home                     | PUF |
| WNEIGH | Reason that home is more than 5 miles from work: like present neighbors                | PUF |
| WOTHER | Reason that home is more than 5 miles from work: other positive reason                 | PUF |
| WSCH   | Reason that home is more than 5 miles from work: close to schools                      | PUF |
| WSHP   | Reason that home is more than 5 miles from work: convenient to shopping                | PUF |