

## Codebook (Data Dictionary) for A Picture of Subsidized Households in 2000

NOTE: for meaning of any negative value (-1, -2, -3, -4, or -5) see last row, *Missing Values*

| Label         | Name          | Definition/Codes  | Type | Length |
|---------------|---------------|---|------|--------|
| Summary level | sumlevel      | <p>Summary levels.</p> <p>1=U.S. total</p> <p>3=State total, including D.C. and outlying areas</p> <p>4=Public housing agency (PHA)</p> <p>5=MSA/PMSA definitions as of 1999 (by population size as of 2000,</p> <p>6=Project (multifamily assisted, public housing, or housing tax credit)</p> <p>8=City, or census-designated place-CDP (by population size as of 2000)</p> <p>(Program and tract records are available in downloadable file only, not in published report.)</p>  | Num  | 1      |
| Program label | program_label | <p>Labels for assisted housing programs.</p> <p>All HUD</p> <p>PH = Public Housing</p> <p>VO = Section 8 Certificates and Vouchers</p> <p>MR = Section 8 Moderate Rehabilitation</p> <p>S8 NC/SR = Section 8 New Construction and Substantial Rehabilitation</p> <p>S236 = Section 236 Projects</p> <p>MF/Other = All other multifamily assisted projects</p> <p>LIHTC = Low Income Housing Tax Credit</p>  | Char | 8      |
| Program       | program       | <p>Type of assisted housing program. (only program types 5, 6, and 7 have corresponding sub-program at the project summary level. See <i>sub-program</i> variable).</p> <p>1=Total for all HUD programs</p> <p>2=Public housing</p> <p>3=Section 8 Certificates and Vouchers</p> <p>4=Section 8 Moderate Rehabilitation</p> <p>5=Section 8 New Construction or Substantial Rehabilitation (including 202/8 projects)</p> <p>6=Section 236 Projects (FHA-Federal Housing Administration)</p> <p>7=All other multifamily assisted properties with FHA insurance or HUD subsidy (including Section 8 Loan Management, Rental Assistance Program (RAP), Rent Supplement (SUP, Property Disposition, Section 202/811 capital advance, and Preservation)</p> <p>8=Low Income Housing Tax Credit</p> | Char | 1      |

| Label                       | Name                | Definition/Codes   | Type | Length |
|-----------------------------|---------------------|--|------|--------|
| Sub-program                 | sub_program         | Sub-programs within major assisted housing programs. (Relevant only for programs 5, 6, or 7. See <i>Program</i> variable above.)<br>1=Sec. 8 New Const. or Sub. Rehab. without Sec. 202 financing<br>2=Sec. 8 New Const. or Sub. Rehab. with Sec. 202 financing<br>3=Section 202 capital advance<br>4=Section 811 capital advance<br>5=Section 236 with LMSA/RAPSUF<br>6=Section 236 without LMSA/RAPSUF<br>7=Below Market Interest Rate (BMIR) with LMSA/RAPSUF<br>8=Below Market Interest Rate (BMIR) without LMSA/RAPSUF<br>9=Other projects with LMSA/RAPSUF<br>10=Property Disposition<br>11=Preservation | Char | 2      |
| Name                        | name                | Names for various summary levels.<br>Name of the project (e.g., Lockwood Gardens).<br>Name of the public housing agency (e.g., Philadelphia Housing Authority).<br>Name of the state (e.g., New Hampshire).<br>Name of the MSA/PMSA (e.g., Portland-Vancouver, OR-WA-PMSA).  | Char | 60     |
| Code                        | code                | Codes for various summary levels.<br>U.S. (e.g., U.S.)<br>State FIPS code (e.g., 01--Alabama)<br>PHA code (e.g., MD001, IL002)<br>MSA/PMSA code (e.g., 0040, 8840)<br>Project number for public housing (e.g., IL002001)<br>Contract number (e.g., NH36T791024)/FHA number (e.g., 051EE033) for multifamily properties (from TRACS)<br>Census Tract: FIPS state-county-tract codes (e.g., 06019005403--Fresno, CA)<br>Placefips: FIPS state and place codes (e.g., 1270600--Tallahassee, FL)   | Char | 11     |
| Subsidized units available  | total_units         | Number of units under contract for federal subsidy and available for occupancy.  | Num  | 3      |
| % Occupied                  | pct_occupied        | Occupied units as the % of units available.  | Num  | 3      |
| # Reported                  | number_reported     | Number of households for which reports were received (These are households reported as of 12/2000 with effective dates spanning the prior 18 months.)  | Num  | 3      |
| % Reported                  | pct_reported        | Households for which reports were received, as % of occupied units. (These are households reported as of 12/2000 with effective dates spanning the prior 18 months.)   | Num  | 3      |
| Average months since report | months_since_report | Average number of months since manager reported on household. (Calculations exclude zero values and missing values.)   | Num  | 4      |

| Label  | Name               | Definition/Codes  | Type | Length |
|--|--------------------|---|------|--------|
| % moved in past year                             | pct_movein         | % in program less than a year (the difference between the effective date and the date of admission: type of action = 1).  | Num  | 3      |
| Number of people per unit                        | people_per_unit    | Average size of household (with decimal point and place, e.g., 2.5). (Excludes zero values and missing values.)   | Num  | 2      |
| Number of people: total (000s)                   | people_total       | Total number of people (shown in thousands).  | Num  | 5      |
| Rent \$\$ per month                              | rent_per_month     | Average gross household contribution towards rent per month (includes payment toward rent and utilities). (Excludes zero values and missing values.)  | Num  | 5      |
| Spending \$\$ per month                          | spending_per_month | Average federal spending per unit per month (not fully comparable across programs). For public housing, sum of the operating subsidy and capital improvement cost is divided by the total number of occupied units (such spending data is available at the PHA level only). For tenant-based Section 8, Section 8 Moderate Rehabilitation, and Multifamily Assisted, the housing assistance payment (HAP) is divided by the total number of reported households. An amount is added for administrative cost in Section 8 tenant based and Section 8 Moderate Rehabilitation. (Excludes zero values and missing values.) | Num  | 10     |
| Household income per year: per household \$000s  | hh_income          | Average total household income per year (shown in thousands of dollars per year with decimal point). (Numerator includes zero income but excludes missing income; denominator includes all households.)   | Num  | 8      |
| Household income per year: per person \$000s     | person_income      | Average household income per person per year (shown in thousands of dollars per year with decimal point). (Numerator includes zero income but excludes missing income; denominator includes all members of households.)   | Num  | 8      |
| Household income per year: % \$1 - \$4,999       | pct_lt5k           | % below \$5,000 per year.   | Num  | 3      |
| Household income per year: % \$5,000 - \$9,999   | pct_5k_lt10k       | % between \$5,000-\$9,999 per year.   | Num  | 3      |
| Household income per year: % \$10,000 - \$14,999 | pct_10k_lt15k      | % between \$10,000-\$14,999 per year.   | Num  | 3      |
| Household income per year: % \$15,000 - \$19,999 | pct_15k_lt20k      | % between \$15,000-\$19,999 per year.   | Num  | 3      |
| Household income per year: % \$20,000 or more    | pct_ge20k          | % \$20,000 or more per year.  | Num  | 3      |
| Majority of income is wages                      | pct_wage_maj       | % of households where the majority of household income is derived from wages and/or business  | Num  | 3      |
| Majority of income is welfare                    | pct_welf_maj       | % of households where the majority of household income is derived from welfare (TANF, General Assistance, or Public Assistance).  | Num  | 3      |
| Majority of income is other                      | pct_other_maj      | % of households where the majority of household income is derived from a source other than wage and welfare.  | Num  | 3      |

| Label  | Name                  | Definition/Codes  | Type | Length |
|--|-----------------------|---|------|--------|
| % of local median family income                                | pct_median            | Household income as a percent of local area median family income, as defined by HUD, and adjusted for household size. (Numerator includes zero income but excludes missing income; denominator includes all households.)  | Num  | 3      |
| % very low income  | pct_lt50_median       | % of households with income below 50% of local area median family income, as defined by HUD, adjusted for household size (refer to the downloadable file only, not in published report). (Numerator includes zero income but excludes missing income; denominator includes all households.) | Num  | 3      |
| % extremely low income   | pct_lt30_median       | % of households with income below 30% of local area median family income, as defined by HUD, adjusted for household size. (Numerator includes zero income but excludes missing income; denominator includes all households.)  | Num  | 3      |
| % 2+ adults with children                                      | pct_2adults           | % with two spouses and 1 or more children under 18 years.   | Num  | 3      |
| % 1 adult with children  | pct_1adult            | % where spouse not present and 1 or more children under 18 years.   | Num  | 3      |
| % female head  | pct_female_head       | % of households headed by a female.   | Num  | 3      |
| % female head with children                                    | pct_female_head_child | % of households headed by a female with children.   | Num  | 3      |
| Head or spouse has a disability:<br>as % of age 61 and younger | pct_disabled_lt62     | % of households below age 62 where either household head or spouse (or cohead) has a disability.  | Num  | 3      |
| Head or spouse has a disability:<br>as % of age 62 and older   | pct_disabled_ge62     | % of households age 62 or older where either household head or spouse (or cohead) has a disability.   | Num  | 3      |
| % of all persons with a disability                             | pct_disabled_all      | % of all persons in household with a disability.  | Num  | 3      |
| Age of head/spouse (whoever is older): % 24 or less            | pct_lt24_head         | % 24 or less years: household head or spouse (whoever is older).  | Num  | 3      |
| Age of head/spouse (whoever is older): % 25 to 50              | pct_age25_50          | % 25 to 50 years: household head or spouse (whoever is older).  | Num  | 3      |
| Age of head/spouse (whoever is older): % 51 to 61              | pct_age51_61          | % 51 to 61 years: household head or spouse (whoever is older).  | Num  | 3      |
| Age of head/spouse (whoever is older): % 62 or more            | pct_age62plus         | % age 62 and older.   | Num  | 3      |
| Age of head/spouse (whoever is older): % 85 or more            | pct_age85plus         | % age 85 and older.   | Num  | 3      |
| Race: %Minority  | pct_minority          | % Minority.   | Num  | 3      |
| Race: % Black  | pct_black             | % Black, non-Hispanic.  | Num  | 3      |
| Race: % Native American  | pct_native_american   | % Native American, non-Hispanic.  | Num  | 3      |

| Label  | Name               | Definition/Codes   | Type | Length |
|--|--------------------|--|------|--------|
| Race: % Asian or Pacific Islander                | pct_asian          | % Asian or Pacific Islander, non-Hispanic.   | Num  | 3      |
| Ethnicity: % Hispanic                            | pct_hispanic       | % Hispanic (of any race).  | Num  | 3      |
| Average months on waiting list                   | months_waiting     | Average months on waiting list among admissions. Excludes programs that do not report waiting list dates. (Excludes zero values and missing values.)                                       | Num  | 4      |
| Average months since moved in                    | months_from_movein | Average months since moved in. (Excludes zero values and missing values.)  | Num  | 4      |
| % with utility allowance                         | pct_utility_allow  | % with valid utility allowance (\$1 to \$1000). This is an estimate of the utilities that the household pays to the utility company. It is zero if all utilities are included in the rent. | Num  | 3      |
| Average utility allowance \$\$                   | ave_util_allow     | Average utility allowance among households who have it (in \$ per month). (Excludes zero values and missing values.)   | Num  | 4      |
| Percent with 0 or 1 bedrooms                     | pct_bed1           | % of households with 0- or 1-bedroom units (efficiencies and one-bedrooms).  | Num  | 3      |
| Percent with 2 bedrooms                          | pct_bed2           | % of households with 2-bedroom units.  | Num  | 3      |
| Percent with 3 or more bedrooms                  | pct_bed3           | % of households with 3- or more bedroom units.   | Num  | 3      |
| % Overhoused: more bedrooms than people          | pct_overhoused     | % overhoused (households with more bedrooms than people).  | Num  | 3      |
| Surrounding census tract: % in poverty           | tpoverty           | Percent of the population below poverty level, in census tract where HUD assisted households reside (Census 2000 designation)  | Num  | 3      |
| Surrounding census tract: % minority             | tminority          | Minorities as % of total population in the census tract where HUD assisted families reside (Census 2000 designation)   | Num  | 3      |
| Surrounding census tract: % single family owners | pct_ownsfd         | % of households who are owner-occupants of single-family detached homes in the census tract that surrounds the project.  | Num  | 3      |
| Congressional District                           | fedhse             | Reserved for future use.   | Num  | 2      |
| MSA  | msa                | MSA/PMSA code (e.g. 0040, 8840), based on 1999 MSA/PMSA definitions  | Num  | 4      |
| Place  | placefips          | FIPS state and place codes (e.g., 1270600--Tallahassee, FL).   | Num  | 7      |
| Latitude   | latitude           | Latitude for multifamily assisted, public housing, or housing tax credit projects. (available only for downloadable project data).   | Num  | 10.6   |
| Longitude  | longitude          | Longitude for multifamily assisted, public housing, or housing tax credit projects (available only for downloadable project data).   | Num  | 11.6   |

| Label   | Name            | Definition/Codes  | Type | Length |
|---|-----------------|---|------|--------|
| State   | state           | State postal abbreviation.  | Char | 2      |
| PHA total units   | pha_total_units | Total number of units for the public housing agency--both public housing and Sec. 8 tenant-based (refer to the downloadable file only, not in published report).  | Num  | 7      |
| HA category   | ha_size         | Size of the public housing agency, including public housing, Mod. Rehab., and Sec. 8 tenant-based.<br>0=Not in any agency<br>1=Agencies with 1-99 units<br>2=100-299 units<br>3=300-499 units<br>4=500-999 units<br>5=1,000-2,999 units<br>6=3,000-4,999 units<br>7=5,000-9,999 units<br>8=10,000-29,999 units<br>9=30,000+ units   | Num  | 1      |
| <b>Missing Values:<br/>Defining negative values or<br/>missing data in output</b> | NA              | Some cell entries across variables report no data. In such cases one of the following codes will apply to such missing values in the downloadable file:<br><br>-1=Not applicable<br>-2=Don't know<br>-3=No geocode (because addresses are either missing or incomplete)<br>-4=Suppressed (where the cell entry is less than 11 for reported families)<br>-5=Non-reporting (where reporting rates--see % Reported--are less than 50%)<br>(In the published report, missing values are displayed as blank cell entries.)<br>NOTE: some vouchers had invalid addresses and could not be geocoded to the tract. For these vouchers, we assigned a tract code of SS-CCC-999999. This also explains why the total number of census tracts in the tract file may exceed the total # of tracts that actually exist. | NA   | NA     |
| SM: Updated 2/23/2007   |                 |   |      |        |