



Constructed Variables CHIS 2003 Child Survey

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Contact:

UCLA Center for Health Policy Research
10960 Wilshire Blvd, Suite 1550
Los Angeles, CA 90024
Email: chis@ucla.edu
Fax: (310) 794-2686

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RACE/ETHNICITY VARIABLES

RACECN_P **Race – Census 2000 Definition (PUF Recode)**

The RACECN_P is a recoded race variable using the Census SF1 definition/tabulation of race. RACECN_P is derived from the imputed Westat self-reported variables: SRPI, SRAI, SRAS, SRAA, SRW, and SRO. Children are assigned to one of several single-race categories or to a multiple-race category.

1. The number of races reported for each case is counted using the race variables SRPI, SRAI, SRAS, SRAA, SRW, and SRO.
2. The cases with a single race reported are assigned to the corresponding RACECN_P values 1 through 5. Other single race and Pacific Islanders are combined to create one category, RACECN_P=5.
3. The cases with more than one race reported are assigned to the multiple-race category RACECN_P=6.

RACECN_A **Race of Adult Respondent—Census 2000 Definition**

The constructed RACECN_A variable is based on the same logic and criteria as RACECN_P, except that it collapses Pacific Islander with other single race (RACECN_A=5). This variable assigns race for the adult respondent of the child based on the Census 2000 definition.

RACEDO_P **Race – Department of Finance Definition (PUF Recode)**

The RACEDO_P variable categorizes the child’s race using the California Department of Finance’s race categories. This variable is derived from the imputed Westat self-reported variables SRH, SRPI, SRAI, SRAS, SRAA, SRW and SRO. Latino is considered to be a race category for this variable and is given priority.

RACEDO_P values are assigned in a hierarchical manner:

1. The number of races reported for each case is counted using the race variables SRPI, SRAI, SRAS, SRAA, SRW, and SRO.
2. All cases that are reported to be Latino (SRH=1) are assigned to the Latino category, RACEDO_P=1.
3. The remaining cases, with a single race reported, are assigned to one of several Non-Latino categories. Other non-Latino race and non-Latino Pacific Islander are collapsed to create one category, RACEDO_P=6
4. The remaining cases with more than one race reported are assigned to the Non-Latino multiple-race category, RACEDO_P=7.

Note: The constructed non-Latino single race category (RACEDO_P=6) is not included in the original population projection by the Department of Finance (DOF). Corrections for this category assignment will be taken in the construction of future CHIS RACEDO_P variables.

RACEDO_A **Race of Adult Respondent—Department of Finance Definition**

The constructed RACEDO_A variable is based on the same logic and criteria as RACEDOF. This variable assigns race for the adult respondent of the child based on the Department of Finance definition.

RACEHP_P **Race – Center for Health Policy Research (PUF Recode)**

The purpose of the RACEHP_P variable is to create a measure of race that takes into account which race/ethnicity the child is reported to most identify with if more than one race for the child is reported by the adult respondent. For the cases with multiple races reported, and no indication of which group the child most identifies with, a few other rules are used. RACEHP_P is derived from the race variables **SRH, SRPI, SRAI, SRAS, SRAA, SRW, SRO**, and questionnaire items CH30S. Latino is also considered to be a separate race category for this variable.

RACEHP_P values are assigned in the following hierarchical manner:

1. First, a count is made of the number of races reported for each case using the race variables SRPI, SRAI, SRAS, SRAA, SRW, and SRO.
2. Second, the Non-Latino children (SRH=2) are assigned RACEHP_P values. With the exception of Pacific Islander, the Non-Latino cases (SRH=2) with only one race reported are assigned to the appropriate single-race category.

Depending on which group the child is reported to most identify with in questionnaire item CH30S, the Non-Latino cases (SRH=2) with more than one race are assigned to the RACEHP_P=6 category, as are the Pacific Islanders and those of other single races.

3. Next, the Latino cases (SRH=1) are assigned the appropriate values depending upon a number of criteria:
 - a. The Latino children (SHR=1) who are statistically imputed to be Latino (ISRH >=1), and do not have an imputed race (**SRPI, SRAI, SRAS, SRAA, SRW, SRO**), are coded to the appropriate single-race category if only a single race is reported.
 - b. The children who are statistically imputed to be Latino (ISRH >=1) and do not have an imputed race (**SRPI, SRAI, SRAS, SRAA, SRW, SRO**), with multiple races reported, are assigned the multiple-race category.
 - c. The Latino cases (SRH=1) who are not statistically imputed to be Latino (ISRH < 1), but have an imputed race (**SRPI, SRAI, SRAS, SRAA, SRW, SRO**) are considered to be Latino, RACEHP_P=1.
 - d. The Latino children (SRH=1) that are not statistically imputed to be Latino (ISRH < 1), and do not have an imputed race (**SRPI, SRAI, SRAS, SRAA, SRW, SRO**), with multiple races reported, are coded to the appropriate RACEHP_P category depending on which group they are reported to most identify with.

Adjustment 1: The Latino children (SRH=1) with a single race specified that is “other” (SRO=1), and for whom the race/ethnicity specified in CH30S is an identified nationality or “none of these,” are assigned to the Latino category (RACEHP_P=1). Examples of these “other” or open-specify responses include: Mexican, Chicano, Hispanic, Salvadoran, Moreno and Cuban.

Adjustment 2: The Latino children (SRH=1) with “none of these” specified (in CH30S), and the race/ethnicity the child most identifies with is unknown, are coded as Latino (RACEHP_P=1).

Adjustment 3: The Latino children (SRH=1) with multiple races, in which the SRH variable and race are both imputed, are assigned to the PI/other single/multiple race category for this variable (RACEHP_P=6).

Adjustment 4: The children with RACEHP_P ~≠2 who meet one of the following criteria are coded as American Indian/Alaska Native (RACEHP_P=2):

1. Are identified as an enrolled member in an AIAN tribe (CH5=1)
2. Single race, Non-Latino (SRH ~≠1), and American Indian/Alaska Native (SRAI=1)
3. Single race, American Indian/Alaska Native (SRAI=1), Latino (SRH=1), and are most identified with American Indian/Alaska Native
4. Multiple race, American Indian/Alaska Native (SRAI=1), and are most identified with American Indian/Alaska Native.

RACEHP_A **Race of Adult Respondent -- UCLA CHPR Definition**

The constructed RACEHP_A variable is based on the same logic and criteria as RACEHPR. This variable assigns race for the adult respondent of the child based on the UCLA Center for Health Policy Research definition.

ASIAN9 **Asian Subtypes-9 (PUF Recode)**

The ASIAN9 variable is derived from the constructed ASIAN10 variable and is based on source questionnaire items, SRAS, CH7_1 through CH7_23, and CH7OS. For children who are coded as Asian (SRAS=1), this variable describes to which subgroup they belong.

A. First, the number of Asian ethnic groups reported for each case is counted using ASIAN10_1 through ASIAN10_10.

B. The cases with children who report only one Asian ethnic group are assigned ASIAN9 values.

1. Children who are reported as belonging to only one ethnic group in ASIAN10 are assigned the following values for the ASIAN9 variable:

Condition:	ASIAN9 Value:	ASIAN9 Label:
If ASIAN10=1	1	Chinese
If ASIAN10=2	2	Japanese
If ASIAN10=3	3	Korean
If ASIAN10=4	4	Filipino
If ASIAN10=5	5	South Asian
If ASIAN10=6	6	Vietnamese
If ASIAN10=7	7	Southeast Asian
If ASIAN10=8 and 9	8	Cambodian/Other Asian

2. Children who are reported as belonging to only one Asian ethnic group, and are not yet assigned an ASIAN9 value, are given a not ascertained value (-9).

C. Children who report more than one Asian ethnic group are assigned ASIAN9 values.

1. Children who report more than one ethnic group for the child in ASIAN10 are assigned a value of 9:

Condition:	ASIAN9 Value:	ASIAN9 Label:
More than one ethnic group reported in ASIAN10	9	Two or more Asian types

ASNHPR_P

Asian Group – UCLA CHPR Definition (PUF Recode)

The ASIANHPR_P variable identifying Asian ethnicity is based on the recoded definition for the public use file provided by the Center for Health Policy Research at UCLA, which assigns Asian ethnicity based on which group the child is reported to identify with the most, if more than one Asian subgroup is reported (CH7_1 to CH7_23). It collapses adult reports of Cambodian ethnicity, other Asian ethnic group and those reporting belonging to more than one Asian ethnic group.

- A. The number of Asian ethnic groups reported for each case is counted.**
- B. Children who are reported as identifying with a specific single Asian ethnic group are assigned to corresponding values for the ASNHPR_P variable. Children who most identify with Cambodian ethnicity, other single Asian ethnicity or belonging to two or more Asian ethnic groups are assigned the value ASNHPR_P=7.**

Children who are not of Asian race/ethnicity (SRAS~=1) are assigned a skip value, ASNHPR_P=(-1).

CATRIBE

California Tribal Heritage

The California Tribal Heritage variable indicates whether or not the child who is identified as American Indian/Alaska Native (SRAI=1) is also identified with a California or a Non-California tribal heritage. This variable is constructed using questionnaire items CH4, CH4OS, and CH6OS.

Since the questionnaire response categories in CH4 include only non-California tribes, it was important to construct CATRIBE in order to capture verbatim responses in CH4OS or CH6OS that may indicate California tribal heritage among the population of American Indians responding to the questionnaire.

Therefore, any American Indian/Alaska Native children (SRAI=1) who are reported as belonging to a California Tribe in CH4OS or CH6OS are considered to have California Tribal Heritage (CATRIBE=1). All remaining children who are identified with at least one of the Non-California tribes in CH4, or indicate a Non-California tribe as a verbatim answer in CH4OS, are considered to be of Non-California Tribal Heritage. Any others are assigned a not ascertained value (-9) for this variable.

Note: This variable indicates reported tribal heritage. The cases included in this variable all are reported as AIAN (SRAI=1), but may or may not be enrolled members of a federal or state recognized tribe.

INSURANCE VARIABLES

INSMD

Covered by MediCal

The INSMD variable is derived from questionnaire item CF1. Children who are identified by the respondent as being covered by MediCal (CF1=1) are considered to be covered by MediCal for this variable (INSMD=1). Those who are identified as not covered by MediCal (CF1=2) are considered to be not covered (INSMD=1).

Some cases are assigned for INSMD in which the respondents refuse (-7) or do not know (-8) if the child is covered by MediCal in item CF1 or if this data is missing (-9) (see below).

Adjustment 1: The cases in which INSMD =1, and in which the child is covered by Medi-Cal through premium payment for a health plan (A112_6=1) or through a plan that was missed (CF9_5=1), are recoded as covered by Medicare (INSMD=1).

Adjustment 2: Those cases in which INSHF=1, and that have a household income <100% FLP (POVLL=1), are considered to be covered by MediCal (INSMD=1). Similarly, these cases are recoded as not covered by Healthy Families (INSHF=2). The purpose of this adjustment was to accurately measure these categories with the INS64 variable.

INSHF

Covered by Healthy Families

The INSHF variable is derived from questionnaire item CF2. Children who are identified by the respondent as being covered by Healthy Families (CF2=1) are considered to be covered by Healthy Families for this variable (INSHF=1). If children skip out of CF2 (-1) or if the respondent reports that the child is not covered by Healthy Families (CF2=2), these cases are considered to be not covered (INSHF=2).

Some cases are assigned for INSHF in which the respondents refuse (-7) or do not know (-8) if the child is covered by Healthy Families in item CF2, or if this data is missing (-9) (See below).

Adjustment 1: The cases in which INSHF =1, and the child is covered by Healthy Families through premium payment for a health plan (A112_7=1) or through a plan that was missed (CF9_6=1), are recoded as covered by Healthy Families (INSMD=1).

Adjustment 2: Those cases in which INSHF=1, have a household income <100% FLP (POVLL=1), are considered to be covered by MediCal (INSMD=1), are recoded as not covered by Healthy Families (INSHF=2).

Note: Children residing within a household with a Federal Poverty Level that is estimated to be above 300% are skipped out of question CF2. Therefore, these cases are assigned a skip value (-1) for the INSHF variable.

INSEM

Covered by Employer - Based Plans

The INSEM variable is derived from questionnaire item CF3. Children who are identified by the respondent as being covered by a health insurance plan or HMO through a current or former employer/union (CF3=1) are considered to be covered by an employer-based plan for this variable (INSEM=1). The cases that skip out of CF3 (-1), or for which the respondent reports that the child is not covered by an employer-based plan (CF3=2) are considered to be not covered (INSEM=2).

Some cases are assigned for INSEM in which the respondents refuse (-7) or do not know (-8) if the child is covered by an employer-based plan in item CF3, or if this data is missing (-9) (See below).

Adjustment 1: The cases in which INSEM $\sim=1$, and the child is covered through premium payment for a health plan (AI12_2=1 or AI12_3=1) or through an employer-based plan that was missed (CF9_1=1), are recoded as covered by an employer based plan (INSEM=1).

Note: This variable cannot be used as a count of children covered by an employer-based plan. Only respondents of children without MediCal and Healthy Families coverage are asked this question.

INSPR **Covered by plans purchased on own**

The INSPR variable is derived from questionnaire item CF4. Children who are identified by the respondent as being covered by a health insurance plan that was purchased directly from the insurance company or HMO (CF4=1) are considered to be covered by a plan purchased on their own (INSPR=1). The cases that skip out of CF4 (-1) or the respondent reports that the child is not covered by a plan purchased directly (CF4=2), are considered to be not covered (INSPR=2).

Some cases are assigned for INSPR in which the respondents refuse (-7) or do not know (-8) if the child is covered by a plan purchased directly in item CF4, or if this data is missing (-9) (see below).

Adjustment 1: The cases in which INSPR $\sim=1$, and the child is covered through a plan purchased directly that was missed (CF9_3=1), are recoded as covered by a plan directly purchased (INSPR=1).

Note: This variable cannot be used as a count of children covered by a plan purchased directly. Only those respondents of children without MediCal, Healthy Families, or employer-based coverage are asked this question.

INSOG **Covered by other government plans**

The INSOG variable is derived from questionnaire items CF7. Children who are identified by the respondent as being covered by some other government plan (CF7=1 or 2), or specify some other government plan (CF7OS $\sim=(-1)$), are considered to be covered for this variable (INSOG=1). The cases that skip out of CF7=(-1), or the respondent reports that the child is not covered by a government plan (CF7=3), are considered to be not covered for this variable (INSOG=2).

Some cases are assigned for INSOG in which the respondents refuse (-7) or do not know (-8) if the child is covered by some other government plan in item CF7, or if this data is missing (-9) (See below).

Adjustment 1: The cases in which INSOG $\sim=1$, and the child is covered through some other government plan that was missed (CF9_9=1), are recoded as covered by an other government health plan (INSOG=1).

Adjustment 2: A small number of children are identified by the respondent as covered by Medicare (CF9_4=1). These cases are included in this variable (INSOG=1).

Note: This variable cannot be used as a count of children with other government plans. Only respondents of children without Medicare, MediCal, employer-based, private, or military coverage are asked this question.

IHS **Covered by Indian Health Services**

The IHS variable is based on information reported in questionnaire items, CH6A and CF9_7. Children who are identified by the respondent as covered through the Indian Health Service, Tribal Health Program, or Urban Indian Clinic (CH6A=1 or CF9_7=1), are considered to be covered for this variable (IHS=1). Cases in which the question was skipped CH6A (-1), or those who report that an AIAN child (CH3_3=1) is not covered by the Indian Health Service, Tribal Health Program, or Urban Indian Clinic (CH6A=2) are considered to be not covered by IHS (IHS=2).

Some cases are assigned for IHS in which the respondents refuse (-7) or do not know (-8) if the child is covered by the Indian Health Service, Tribal Health Program, or Urban Indian Clinic in item CH6A, or if this data is missing (-9).

INS **Currently insured**

This variable indicates the current insurance status of the children. INS is created with other constructed insurance variables. Children who are assigned a value of 1 (covered) for any of the following variables are considered to be currently insured (INS=1): INSM, INSHF, INSEM, INSPR, INSM, INSO, and INSOT. Those who are assigned a value of 2 (not covered) for ALL of those variables are considered to be currently uninsured (INS=2).

The remaining children are assigned a value of (-9) to indicate an unknown current insurance status.

INS64 **Type of current health coverage source – under 65 years old**

The INS64 variable indicates the type of current health insurance coverage for persons under 65 years old. INS64 is created with other constructed insurance variables.

- Each case with an adult, adolescent or child who is under 65 years old (SRAGE < 65) is tested through the following series of conditions until a respective INS64 value is assigned (please note that the values are not assigned in numerical order):

Condition:	INS64 Value:	INS64 Label:
If INSM=1	2	Medicaid
If INSHF=1	3	CHIP
If INSMC=1	4	Medicare
If INSEM=1	5	Employment-based
If INSPR=1	6	Privately purchased
If INSM=1 or INSO	7	Other public
If INSOT=1	6	Privately purchased
INS=2	1	Uninsured
All remaining cases under 65 years old (SRAGE < 65)	-9	Not ascertained

- Any cases with an adult, adolescent or child who is 65 years or older (SRAGE >=65) are assigned a skip value (-1) for this variable:

Condition:	INS64 Value:	INS64 Value:
If SRAGE >=65	-1	Skipped >=65

Note: The insurance variables that are used to construct INS64 may have been created through a different process for the adult, children, and adolescent cases. Please refer to the description of each insurance variable for each group.

Note: The corresponding constructed variable for adults 65 and older (SRAGE=> 65) is INS65.

INS12M Months covered by health insurance in past 12 months

This variable indicates the number of months a respondent has been insured during the past 12 months. The INS12M variable is derived from items CF27, CF28, CF20, CF22.

Each case is tested through the following series of conditions until a value for INS12M can be assigned:

1. The INS12M values are first assigned to the cases with respondents who report that they have current health coverage during the administration of the questionnaire:

Condition:	INS12M Value:	INS12M Label:
If CF24=1 (have had current health insurance for all of the past 12 months)	12	Insured 12 months
If CF27=2 (have current coverage, some kind of health insurance for all of the past 12 months)	12	Insured 12 months
If CF28 >=0 (months with no health insurance at all)	12 – CF28 value (#)	Insured # months

2. The INS12M values are then assigned to the cases with respondents who do not report current health coverage during the administration of the questionnaire:

Condition:	INS12M Value:	INS12M Label:
If CF20=2 (no health insurance for all of the past 12 months)	0	Insured 0 months
If CF22 >=0 (months with health insurance)	CF22 value (#)	Insured # months

3. The remaining cases are assigned not ascertained values (-9) for INS12M:

Condition:	INS12M value:	INS12M label:
All remaining cases with missing value	-9	Not ascertained

Note: This variable is constructed in an identical manner in the adult, adolescent, and child data files.

RSN_NOMC Reasons for Not having MediCal

The RSN_NOMC variable is derived from questionnaire item CF1A and the INS construct. This variable asks the adult respondent the main reason that the child is not enrolled in the Medi-Cal program. The RSN_NOMC re-categorizes the reasons given for child non-enrollment in Medi-Cal in CF1A, given their current uninsured status. Any cases with a child identified as being insured are assigned a skip value (-1) for this variable.

RSN_NOHF Reasons for Not having Healthy Families

The RSN_NOHF variable is derived from questionnaire item CF2A and the INS construct. This variable asks the adult respondent the main reason that the child is not enrolled in the Healthy Families program. The RSN_NOHF re-categorizes the reasons given for child non-enrollment in Healthy Families in CF2A, given the child’s current uninsured status. Any cases with a child identified as being insured are assigned a skip value (-1) for this variable.

RSN_UNIN Reason for Being Uninsured

The RSN_UNIN variable is derived from questionnaire items CF18, CF18OS, CF29 and CF29OS, which provide specific reasons for the child having no current health insurance coverage. The RSN_UNIN variable re-categorizes reasons given into distinct responses based on CF18, CF18OS, CF29 and CF29OS. Any cases with a child identified as being insured are assigned a skip value (-1) for this variable.

MANAGE Managed Care

This variable is derived from questionnaire items CF11 and INS. This variable determines whether the child participates in managed care or not.

Each case is tested through the following series of conditions until a value for MANAGE can be assigned:

Condition:	MANAGE Value:	MANAGE Value:
If INS=1 and CF11=1	1	Managed care
If INS=1 and CF11=2	2	No managed care
If INS=1 and CF11=(-8), (-9)	3	Insured unknown managed care
If INS=2	4	Uninsured

Cases in which managed care participation cannot be determined will be assigned a value of MANAGE=(-9).

INSANY Any Health Insurance in the Last 12 Months

The purpose of the INSANY variable is to indicate whether or not the children of respondents have had any health insurance in the last 12 months. Instead of using the source variables from the questionnaire, INSANY is derived from other constructed insurance variables, including INS64 (Type of current health coverage source – under 65 years old) and INS12M (Number of months covered by health plans in past 12 months).

Each case is tested through the following series of conditions until an INSANY value is assigned:

Children are assigned INSANY values based on the following conditions:

Condition:	INSANY Value:	INSANY Label:
If INS64=1	1	Currently uninsured
If 0<=INS12M<12	2	Uninsured any of the past 12 months
If INS12M=12 and INS64>1	3	Insured all of the past 12 months
If INS12M=(-9) or INS64=(-9)	-9	Not ascertained

INSLT12R

Health Insurance Coverage in Last 12 months, including current status: 9 levels

The INSLT12R variable is constructed from a number of questionnaire items that measure both the status and type of health insurance coverage in the past 12 months for persons 65 years and younger. Constructed categories in INSLT12R reflect stability and/or fluctuations in type of health insurance coverage during a 12-month time period. Cases reporting consistency in the type of coverage during the past 12 months or cases reporting uninsured status during all of the past 12 months are assigned the corresponding health insurance coverage category. However, cases in which multiple types of coverage are reflected in a 12-month period are assigned values based on a number of criteria specifying the type of health coverage(s) as well as gaps in coverage.

UNINSANY

Uninsured in past 12 months

The UNINSANY variable is derived from the constructed variable INSLT12R, which measures health insurance coverage in the last 12 months. This variable assigns values based on the child's insurance status during all or part of the year. Values are assigned as follows:

Condition:	UNINSANY Value:	UNINSANY Label:
If INSLT12=3	1	Uninsured all year
If INSLT12=6, 7	2	Uninsured part year
If INSLT12=1, 2, 4, 5, 8, 9	3	Insured all year

ELIGPRG4

Uninsured MediCal/Healthy Families Eligible (4 levels)

A series of eligibility variables were constructed to estimate and categorize the number of uninsured Californians who would meet the eligibility criteria for the "full-scope" MediCal or Healthy Families programs if they were to apply. The estimated number of uninsured eligibles is used to calculate program participation rates for the MediCal and Healthy Families programs.

Criteria for assignment within these eligibility variables are based on a number of factors:

- A. *Categorical Eligibility:* Persons eligible for program participation must meet a number of age-related and/or disability criteria. Questionnaire items are used to measure age, disability status, pregnancy status and whether the respondent is a parent of a minor.

AK18A=1 (equal to or less than calculated POVRT100)	1	0-100%FPL
AK18A=2 (more than POVRT100) or AK18B=1 (equal to or less than calculated POVRT200)	2	101-200% FPL
AK18B=2 (more than POVRT200) or AK18C=1 (equal to or less than POVRT300)	3	201-300% FPL
AK18C=2 (more than POVRT300)	4	301% FPL and above

3. For the remaining cases, the actual household income values (HHINC) are compared to the transitional poverty variables, POVRT100n, POVRT200n, and POVRT300n, which have the same range levels. Each case is tested through the following conditions until a respective POVLL value is assigned:

Condition:	POVLL Value:	POVLL Label:
If HHINC <=POVRT100n	1	0-100% FPL
If HHINC <=POVRT200n	2	101-200% FPL
If HHINC <=POVRT300n	3	201-300% FPL
If HHINC > POVRT300n	4	301% FPL and above
All remaining cases	-9	Not ascertained

POVLL2_P

Poverty Level as Times 100% of FPL (PUF Recode)

The POVLL2_P variable is based on the POVLL2 (source) variable. This variable provides a recoded continuous measure of poverty as times the 100% Federal Poverty Level.

Note: Top-code is 24.

HEALTH CONDITIONS

ASTYR

Asthma symptoms past 12 months

This variable is derived from questionnaire items CA12, CA31, and CA32. Those children who have been told that they have asthma (CA12=1), still have asthma (CA31=1) and have had an asthma episode in the past 12 months (CA32=1) were considered to have asthma symptoms in the past 12 months (ASTYR=1). Those who do not still have asthma (CA31=2) or have not had an attack of asthma in the past 12 months (CA32=2) were considered not to have asthma symptoms in the past 12 months (ASTYR=2). Those who were never told they had asthma (CA12=2) were assigned a value of ASTYR=(-1).

INJURIES AND PREVENTION

TC_INJN Times seriously injured

The TC_INJN variable is derived from questionnaire items CB1 and CB2. TC_INJN categorizes the number of times the respondent was injured enough to obtain advice or treatment from a doctor in the past 12 months (CB2). Respondents who reported the child as not being seriously injured enough to obtain advice or treatments from a doctor (CB1=2) were considered not have been seriously injured (TC_INJN=0). Those who were injured enough to obtain advice or treatment at least once during the past 12 months (CB1=1) were assigned the following TC_INJN values:

Condition:	TC_INJN Value:	TC_INJN Label
If CB2=1	1	1 time
If CB2=2	2	2 times
If CB2=3	3	3 times
If CB2≥4	4	4 + times

INJCA Cause of Injury

The INJCA variable is derived from questionnaire item CB3, which categorizes the cause of the most recent injury for the child. The INJCA variable re-categorizes the causes of injury into 5 distinct groups.

Each case is tested through the following steps until an INJCA value can be assigned:

Condition:	INJCA Value:	INJCA Label:
If CB3=1, 2	1	Vehicle-related
If CB3=3	2	Bicycle-related
If CB3=4	3	Accidental fall
If CB3=9	4	Sports-related
If CB3=5, 6, 7, 8, 91	5	Other

Those who report not being seriously injured (CB1=2) were assigned a value of INJCA=(-1). Cases in which a cause of injury could not be ascertained were assigned a value of INJCA=(-9).

HELMET Frequency of helmet use while riding a bicycle

The HELMET variable is derived from questionnaire items, CB6 and CB7. This variable determines how often the child (3 years and older) wore a helmet while riding a bicycle in the past year. Those who report always wearing a helmet (CB7=1) were assigned a value of HELMET=1. Those who usually wear a helmet (CB7=2) were assigned a value of HELMET=2. Those who sometimes wear a helmet (CB7=3) were assigned a value of HELMET=3. Children who never wear a helmet (CB7=4) were assigned a value of HELMET=4. Finally, children over the age of 4 years who did not a ride bicycle in the past year (CB6=2) were assigned a value of HELMET=5.

Children who were younger than 3 years were assigned a values of HELMET=(-1). Cases in which frequency of use could be not ascertained were assigned a value of HELMET=(-9).

HELMUSE

Wore a helmet while riding bicycle in past 12 months

The HELMUSE variable is derived from questionnaire items CB6 and CB7. Children who always or usually wear a helmet while riding a bicycle (CB7=1 or 2) were assigned the value HELMUSE=1. Those who were reported sometimes or never wearing a helmet (CB7=3 or 4) were assigned the value of HELMUSE=2. Children who are younger than 4 years old and did not ride on bikes in the past year (CB6=2) were assigned a skip value of HELMUSE=(-1).

HHSMK

Household Smoking

The constructed HHSMK variable provides categorical measures of amount of smoking within the child's household. This variable is derived from questionnaire items AD33 and AD34, which measure the presence of smokers within the household in addition to the number of days there is any smoking within the household.

Values are assigned as follows:

Condition:	HHSMK value:	HHSMK label:
If AD33=2	1	None
If AD33=1 and (AD34>=1 and AD34<7)	2	Somedays
If AD33=1 and AD34=7	3	Everyday

HHCRWD

Household Crowding

The HHCRWD variable is based on the ratio of total people in a household divided by number rooms in the household. This variable was created using the number of household members and the number rooms in the house (AK24). A household is considered crowded if there is more than one person per room.

DENTAL AND HEALTH BEHAVIORS

DNVST

Child dental visit per year

The DNVST variable is derived from the questionnaire item CC5, which provides a categorical measure for time since last visit to dentist or dental clinic. DNVST provides a dichotomous measure of whether the child visited a dentist in the past 12 months. Those who reported visiting the dentist one year ago or less (CC5=1, 2) were assigned a value of DNVST=1. Those who reported as having never visited the dentist or have done so more than a year ago (CC5=0, 3, 4, 5) are assigned a value of DNVST=2.

Children younger than 2 years old or those without any teeth were assigned a value of DNVST=(-1).

FV5DAY

5+ Fruit/Vegetables a day

The FV5DAY variable was derived from questionnaire items CC13 and CC15. FV5DAY categorizes the reported number of fruits (CC13) and vegetables (CC15) the child (age 2 years and older) consumes per day. Those

eating a total of 5 or more than 5 fruits and vegetables a day were assigned a value of FV5DAY=1. Those eating zero or less than 5 fruits and vegetables a day were assigned a value of FV5DAY=2.

Children younger than 2 years old were assigned a value of FV5DAY=(-1).

ACCESS AND UTILIZATION

USUAL

Have Usual Place to go to When Sick or Needing Health Advice

The USUAL variable is derived from questionnaire item CD1. The values of USUAL are assigned based on whether the parent of the child reports having a usual source of health care for the child. USUAL uses a dichotomous measure to ascertain whether or not the child has a usual place to go to when sick or in need of health advice. Values are assigned as follows:

Condition:	USUAL Value:	USUAL Label:
If CD1=1, 3, 4 or 5	1	Yes
If CD1=2	2	No

Those who refuse or do not know if they have a usual place to go, or if this data is missing, are assigned a not ascertained value of USUAL=(-9).

USUAL5TP

Usual source of care (5 levels)

The USUAL5TP variable is derived from questionnaire items CD1, CD3 and CD3OS, which measure the place the child goes typically or most commonly for health care for those with a usual source of health care. Five levels are assigned to USUAL5TP that categorize the usual source of care for the respondent. Values are assigned according to the following criteria:

Condition:	USUAL5TP Value:	USUAL5TP label:
If CD1=3, 4 or CD3=1	1	Doc Office/HMO/Kaiser
CD3=2	2	Community/Gov. Clinic, Community Hospital
CD3=3	3	Emergency Room/Urgent Care
CD3=4, 5, 94	4	Other place, no one place
CD1=2	5	No usual source of care

Open text responses were reassigned to one USUAL5TP level. Cases in which a usual source of health care could not be ascertained were assigned a value of USUAL5TP=(-9).

USOC

Usual source of care other than ER

The USOC variable is derived from the constructed variable, USUAL5TP. USOC provides a dichotomous measure of whether the child has a usual source of care other than emergency room services.

Each case is tested through the following conditions until a USOC value is assigned:

Condition:	USOC Value:	USOC label:
If USUAL5TP=1, 2, 4	1	Yes
If USUAL5TP=3, 5	2	No

DOCT_YR **Visited a doctor during the past 12 months**

The DOCT_YR variable is derived from variable CD6. The DOCT_YR variable is a dichotomous variable that ascertains whether or not the child visited a doctor during the past 12 months. Children who were reported to have had 1 or more number of visits (CD6>1) were assigned the value DOCT_YR=1. Those indicating 0 visits (CD6=0) were assigned the value DOCT_YR=2.

Cases in which the number of visits could not be ascertained were assigned a value of DOCT_YR=(-9).

ACMDNUM **Number of doctor visits in the past year**

The ACMNDUM variable is derived from the continuous CD6 variable, which assigns the number of doctor visits in the past year as reported by the respondent of the child. The ACMDNUM variable provides 10 categories for the number of visits reported. Those reporting 25 or more number of visits in the past year are assigned a value of ACMDNUM=10.

OTHER CONSTRUCTED VARIABLES

BRSTFD **Age In Months When Stopped Breastfeeding (PUF Recode)**

The BRSTFD variable is derived from source questionnaire items CA15NUM and CA15UNT. This variable provides a categorical measure of the age in months when children, aged 3 years or younger, who were ever breastfed, stopped breastfeeding. Cases reporting number of days, weeks, or years the child stopped breastfeeding in CA15UNT are converted to number of months.

Cases in which breastfeeding has not ceased are assigned a value of BRSTFD=93.

Children who are older than 3 years of age are assigned an inapplicable value of BRSTFD=(-1).

LANGHOME **Types of languages spoken at home**

The LANGHOME variable indicates the languages spoken in the homes of the respondents. This variable is derived from questionnaire items, CH17_1-CH17_22. The variable takes into account households in which multiple languages are spoken. The LANGHOME variable is created with the categories generated with the LANGTEMP construct variable.

1. First, values are assigned to a LANGTEMP variable based on criteria from questionnaire items, CH17_1-CH17_22.

Condition:	LANGTEMP Value:	LANGTEMP Label:

If CH17_1=1	1	English
If CH17_2=1	2	Spanish
If CH17_3=1 or CH17_6=1	3	Chinese
If CH17_4=1	4	Vietnamese
If CH17_5=1	5	Tagalog
If CH17_7=1	6	Korean
If CH17_8=1	7	Asian Indian languages
If CH17_9=1	8	Russian
If CH17_12=1	9	Japanese
If CH17_13=1	10	Other Asian languages
If CH17_14=1 or CH17_15=1 or CH17_16=1	11	European
If CH17_18=1	12	Farsi
If CH17_19=1	13	Armenian
If CH17_20=1	14	Arabic
If CH17_21=1	15	African/Afro-Asiatic
If CH17_22=1	16	Other language

2. For cases in which respondents speak two or more languages, values for LANGTEMP were assigned according to specific criteria.
3. Next, each case is tested through the following steps until a LANGHOME value can be assigned:

Condition:	LANGHOME Value:	LANGHOME Label:
If LANGTEMP=1	1	English
If LANGTEMP=2	2	Spanish
If LANGTEMP=3	3	Chinese
If LANGTEMP=4	4	Vietnamese
If LANGTEMP=6	5	Korean
If LANGTEMP= Tagalog (5) Asian Indian Languages (7) Japanese (9) Other Asian language (10)	6	Other one Asian language
If LANGTEMP= Russian (8) European (11) Farsi (12) Armenian (13) Arabic (14) African/Afro-Asiatic (15) Other language (16)	7	Other one language only
If LANGTEMP=17	8	English and Spanish
If LANGTEMP=18	9	English and Chinese
If LANGTEMP=19	10	English and a European language
If LANGTEMP=20	11	English and another Asian language
If LANGTEMP=21	12	English and one other language
If LANGTEMP=22	13	Other two or more languages
If LANGTEMP=(-9)	-9	Not ascertained

CITIZEN2

Citizenship Status for Children (3 Levels)

The CITIZEN2 variable is created in order to provide another indication of citizenship. This variable also reflects a definition from UCLA’s Center for Health Policy Research. CITIZEN2 is derived from CITIZEN1. CITIZEN2 collapses response categories that indicate non-citizenship with and without a green card.

Each case is tested through the following conditions until a CITIZEN2 value is assigned:

Condition:	CITIZEN2 Value:	CITIZEN2 Value:
If CITIZEN=1	1	U.S.-Born Citizen
If CITIZEN=2	2	Naturalized Citizen
If CITIZEN=3 or 4	3	Non-Citizen

Cases in which citizenship cannot be determined are assigned a value of CITIZEN2=(-9).

CNTRYS

Country Child Born In

CNTRYS is constructed with questionnaire items CH8 and CH8OS. CNTRYS identifies the child’s country of birth and is constructed by re-categorizing the verbatim responses in CH8OS into CH8 and creating more general categories which identify the child’s geographic place of birth.

Condition:	CNTRYS Value:	CNTRYS Label:
CH8=1, 9, 22	1	United States
CH8=18	2	Mexico
CH8=5, 10, or 27	3	Central America
CH8=28, 32	4	Other Latin America
CH8=4, 12, 13, 16, 17, 19, 23, 24, 25, 29, or 33	5	Asia and Pacific Islands
Ch8=6, 7, 8, 14, or 30	6	Europe
Ch8=3, 31, or 34	7	Other

Note: See Appendix A for detailed information on the definitions.

CNTRYM

Country Mother Born In

The CNTRYM variable is derived from questionnaire items CH11 and CH11OS. The CNTRYM variable re-categorizes the mother’s country of birth (CH11) into more general geographic regions.

Each case is tested through the following conditions until a CNTRYM value is assigned:

Condition:	CNTRYM Value:	CNTRYM Value:
If CH11=1, 2, 9, 22, 26	1	United States
If CH11=18	2	Mexico
If CH11=5, 10, 27	3	Central America
If CH11=28, 32	4	Other Latin America
If CH11=4, 12, 13, 16, 17, 19, 23, 24, 25, 29, 33	5	Asia and Pacific Islands
If CH11=6, 7, 8, 11, 14, 15, 20, 21 30	6	Europe
If CH11=3, 31, 34	7	Other

Cases in which a mother's country of birth could not be ascertained were assigned a value of CNTRYM=(-9).

CNTRYF Country Father Born In

The CNTRYF variable is derived from questionnaire items CH14 and CH14OS. The CNTRYF variable re-categorizes the father's country of birth (CH14) into more general geographic regions.

Each case is tested through the following conditions until a CNTRYF value is assigned:

Condition:	CNTRYF Value:	CNTRYF Value:
If CH14=1, 2, 9, 22, 26	1	United States
If CH14=18	2	Mexico
If CH14=5, 10, 27	3	Central America
If CH14=28, 32	4	Other Latin America
If CH14=4 12 13 16 17 19 23 24 25 29 33	5	Asia and Pacific Islands
If CH11=6 7 8 11 14 15 20 21 30	6	Europe
If CH11=3, 31, 34	7	Other

Cases in which a father's country of birth could not be ascertained were assigned a value of CNTRYM=(-9).

CITIZ2_M Citizenship and Immigration Status of Mother (3 Levels)

The CITIZ2_M variable is derived from the constructed variable CITIZ1_M, which categorizes the citizenship and immigration status of the child's mother. The CITIZ2_M variable re-categorizes the mother's citizenship status into 3 distinct levels.

Values of CITIZ2_M are assigned as follows:

Condition:	CITIZ2_M Value:	CITIZ2_M Value:

If CITIZ1_M=1	1	U.S.-Born Citizen
If CITIZ1_M=2	2	Naturalized Citizen
If CITIZ1_M=3 or 4	3	Non-Citizen

Cases in which citizenship cannot be determined are assigned a value of CITIZ2_M=(-9).

CITIZ2_F **Citizenship and Immigration Status of Father (3 Levels)**

The CITIZ2_F variable is derived from the constructed variable CITIZ2, which categorizes the citizenship and immigration status of the child’s father. The CITIZ2_F variable re-categorizes the father’s citizenship status into 3 distinct levels.

Values of CITIZ2_F are assigned as follows:

Condition:	CITIZ2_F Value:	CITIZ2_F Value:
If CITIZ1_F=1	1	U.S.-Born Citizen
If CITIZ1_F=2	2	Naturalized Citizen
If CITIZ1_F=3 or 4	3	Non-Citizen

Cases in which citizenship cannot be determined are assigned a value of CITIZ2_F=(-9).

YRUS **Years Child Lived in U.S.**

YRUS is constructed with questionnaire item CH10.

YRUS assigns the number of years the child has lived in the U.S. (CH10) into range levels. In addition, YRUS standardizes the number of years for those with a particular year reported.

The value for this variable is calculated for the respondents who report a particular year by subtracting the year they report from 2003 (2003-CH10YR).

A skip value (-1) is assigned for all persons who were born in the U.S., Guam, Samoa, or the Virgin Islands.

Note: YRUSM and YRUSF are constructed using the same logic and criteria as YRUS. These variables provide categorical measures for the number of years the mother and/or father of the child has lived in the U.S.

CHEDUCA **Education of Adult Respondent**

The CHEDUCA variable categorizes level of educational attainment by the adult respondent most knowledgeable about the child. This variable is constructed from questionnaire item, CH22.

Each case is tested through the following conditions until a CHEDUCA value is assigned:

Condition:	CHEDUCA Value:	CHEDUCA Value:
If CH22>=1 and CH22<=8	1	Grade 1-8
If CH22>=9 and CH22<=11	2	Grade 9-11
If CH22=12	3	Grade 12 / H.S. Diploma

If CH22>=13 and CH22<=15 or CH22=22	4	Some college
If CH22>=24 and CH22<=26	5	Vocational School
If CH22=23	6	AA or AS Degree
If CH22=16, 17	7	BA or BS Degree
If CH22=18	8	Some Grad. School
If CH22=19, 20	9	MA or MS Degree
If CH22=21	10	Ph.D. or equivalent
If CH22=30	91	No Formal Education
If CH22=(-1)	-1	Inapplicable

CHEDUCA1

Education of Other Responsible Adult

The CHEDUCA1 variable categorizes level of educational attainment by another adult responsible for the child. This variable is constructed from questionnaire item, CH26.

Each case is tested through the following conditions until a CHEDUCA1 value is assigned:

Condition:	CHEDUCA1 Value:	CHEDUCA1 Value:
If CH26>=1 and CH26<=8	1	Grade 1-8
If CH26>=9 and CH26<=11	2	Grade 9-11
If CH26=12	3	Grade 12 / H.S. Diploma
If CH26>=13 and CH26<=15 or CH26=22	4	Some college
If CH26>=24 and CH26<=26	5	Vocational School
If CH26=23	6	AA or AS Degree
If CH26=16, 17	7	BA or BS Degree
If CH26=18	8	Some Grad. School
If CH26=19, 20	9	MA or MS Degree
If CH26=21	10	Ph.D. or equivalent
If CH26=30	91	No Formal Education
If CH26=(-1)	-1	Inapplicable

URBAN AND RURAL

UR_CLRT

Rural and urban - Claritas (4 levels)

The UR_CLRT variable uses a definition of rural and urban from the commercial company Claritas, Inc. Claritas assigns the ZIP codes in California to 4 urbanization categories based on the analysis of population density grids of 1990 geoboundaries, 2000 redistricting updates, and 2001 population estimates. We obtained a file from Claritas Inc. that contains the ZIP codes in California and their associated urbanization categories (please refer to Appendix B for the ZIP codes associated with each category).

The urbanization categories are defined by Claritas, Inc. as follows:

Urban	ZIP codes associated with dense neighborhoods that
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	represent the central cities of most major metropolitan areas (above 4,150 persons/square mile).
2 nd City	ZIP codes associated with moderate density neighborhoods in population centers (above 1,000 and below 4,150 persons/square mile).
Suburban	ZIP codes associated with moderate density neighborhoods that are not surrounded by urban or second city population centers (Estimated to be above 1,000 persons/square mile and not in an urban or 2 nd city population center).
Town or Rural	ZIP codes associated with isolated small towns or less developed areas on the exurban frontier. (Estimated to be higher than 210, but lower than 950 persons/square mile). Small villages and rural hamlets surrounded by productive farmland or wide-open spaces (Estimated to be 210 persons/square mile and below).

In order to create the UR_CLRT variable, the ZIP code for each case (within the BESTZIP variable) is assigned to its corresponding urbanization category as provided by Claritas. For cases with missing BESTZIP data, the ZIP code the respondent reports in questionnaire item AM7 is used in order to make this assignment (AM7 > 90001).

In addition, some respondents report the ZIP code of a PO Box location rather than a ZIP code for a residence. Claritas Inc. provided the “parent ZIP codes” for these PO Box locations. The urbanization categories assigned to the “parent” ZIP codes are used in order to classify these cases (see Appendix B).

The cases with no ZIP code information are assigned a not ascertained value (-9) for UR_CLRT.

UR_CLRT2 Rural and urban - Claritas (2 levels)

Four urbanization categories are defined for the ZIP codes in California by the commercial company Claritas, Inc (please see constructed variable UR_CLRT). The UR_CLRT2 variable is a modified version of the constructed UR_CLRT variable. The UR_CLRT2 variable designates all ZIP codes as either rural or urban.

1. The cases assigned to the urban, 2nd city, or suburban UR_CLRT categories (UR_CLRT=1, 2, or 3) are considered to be urban (UR_CLRT2=1).
2. The cases assigned to the small town or rural UR_CLRT category (UR_CLRT=4) are considered to be rural (UR_CLRT2=2).
3. The remaining cases are assigned a not ascertained value (-9).

Note: This variable is particularly useful since it provides an estimate that seems to correspond to the census definition of urbanized and non-urbanized areas. As Claritas Inc. states, “the rural and small town/exurban classifications are not far from the density cutoff of the Census definition that distinguishes urbanized from non-urbanized areas as those having densities above/below 1,000 persons/square mile.”

UR_OMB

Rural and urban – OMB

The UR_OMB variable reflects the Office of Management and Budget's (OMB) classification of metropolitan statistical areas (MSAs). Counties are considered to be metropolitan or non-metropolitan depending on whether or not they are included in an MSA. All except one stratum level in the data file is composed entirely of either metropolitan or non-metropolitan counties.

Each case is tested through the following series of conditions until a UR_OMB value is assigned:

1. The cases with respondents who report that they live within a stratum (STRATA2) that is composed entirely of metropolitan counties are assigned to the metropolitan category (UR_OMB=1) (see Appendix B for list of strata).
2. The cases with respondents who report that they live within a stratum (STRATA2) that is composed entirely of non-metropolitan counties are then assigned to the non-metropolitan category (UR_OMB=2) (see Appendix B for list of strata).
3. Next, in order to classify the cases in stratum 34, which contains both a metropolitan and non-metropolitan county, the ZIP code data within the BESTZIP variable is used. Respondents with a ZIP code assigned to the metropolitan county are assigned to the metropolitan category UR_OMB=1. For any cases with missing BESTZIP data, the ZIP code reported by the respondent in questionnaire item AM7 is used in making the assignment (AM7 >= 90001). (see Appendix B for the list of ZIP codes).
4. The remaining respondents with a ZIP code associated with stratum 34 are considered to be non-metropolitan (UR_OMB=2).
5. UR_OMB is considered to be not ascertained (-9) for all other cases.

UR_RHP

Rural and Urban – Office of Rural Health Policy

THE UR_RHP variable uses an operational classification of rural and urban from the Federal Office of Rural Health Policy (ORHP). The ORHP classifies counties as either rural or urban. The counties are classified with the same criteria that the Office of Management and Budget uses in order to determine metropolitan and non-metropolitan areas (see UR_OMB). However, in order take into account particular rural areas within large urban counties (>1225 square miles), certain ZIP codes within these counties are designated as rural.

Each case is tested through the following series of steps until a UR_RPH value is assigned:

1. The respondents who report that they live within a stratum (STRATA2) that is composed entirely of rural counties are coded as rural (UR_RPH=2) (see Appendix B for list of rural strata).
2. The cases with ZIP codes that are designated as rural, within a large urban county, are then assigned to the rural category (see Appendix B for list of these ZIP codes). The BESTZIP variable is used to code the cases. For the particular cases with missing BESTZIP data, the ZIP code the respondent reports in item AM7 is used in making the assignment (AM7 > 90001).
3. The remaining respondents who report that they live within a stratum that is composed of entirely urban counties are then coded as urban (UR_RHP=1).
4. Next, the ZIP code data is used to assign UR_RHP values for the cases within the stratum that includes both an urban and a rural county (STRATA2=34). Respondents with ZIP codes that are assigned to the

rural county within strata 34 are coded as rural (UR_RPH=2) (see Appendix B for detailed list); the remaining respondents within this strata are considered to be urban (UR_RHP=1). For the cases that are missing BESTZIP data, the ZIP code the respondent reports in item AM7 is also used in making this assignment (AM7 >= 90001).

5. UR_RHP is considered to be not ascertained (-9) for all other cases.

UR_IHS

Rural and Urban – Indian Health Service

The UR_IHS variable uses a county-level classification of rural and urban from the Indian Health Service. According to the IHS definition, counties are either classified as urban or rural. All of the strata in the data file (STRATA2) are composed of either rural or urban counties using the IHS definition. In addition, the cities of San Diego, Santa Barbara, and Bakersfield are coded as urban.

1. The cases with respondents who report that they live within a stratum composed of urban counties are coded as urban (UR_IHS=1) (see Appendix 1 for detailed list).
2. The cases with ZIP codes associated with the cities of San Diego, Santa Barbara and Bakersfield are also assigned to the urban category for this variable (UR_IHS=1) (see Appendix B for detailed list).
3. Next, the cases with respondents who report that they live within a stratum that is composed of rural counties, and are not associated with ZIP codes for the cities of San Diego, Santa Barbara or Bakersfield, are considered to be rural (UR_IHS=2) (see Appendix B for detailed list).
4. Finally, UR_IHS is considered to be not ascertained (-9) for all other respondents.

Appendix A

Recodes of Country of Birth

“Other specified” responses for country of birth (CH8OS) were recoded into the following categories using the definitions below.

1=United States: Includes the 50 states and District of Columbia. Includes dependencies or territories associated with the United States, such as America Samoa, Guam, Puerto Rico, and the Virgin Islands.

2=Mexico: Includes all regions.

3=Central America: Includes all countries that are part of the continent. Excludes the Caribbean islands.

4=Other Latin America: Consists of the 12 countries and 3 territories located south of the Isthmus of Panama on the South American Continent. Also includes the Caribbean islands.

5=Asia and Pacific Islands: Composed of the 47 countries and assorted islands east of Europe. Includes the Middle East and Southeast Asian countries. Also includes the Pacific Islands nations of Polynesia, Melanesia, and Micronesia located in the South Pacific Ocean, such as Fiji, the North Mariana Islands, Palau, Samoa, Tonga, and New Caledonia. Excludes American Samoa and Guam. New Zealand and Australia are also assigned to this category.

6=Europe: Includes the 44 countries and numerous related dependencies, territories, and islands that are considered part of Europe such as the Azores, the Canary Islands and Iceland. Traditionally, the Urals to the east and the Caucasus Mountains to the south form the line of demarcation between Europe and Asia. The part of Russia west of the Urals is sometimes included with Europe. The portion of Turkey west of the Bosphorus is geographically part of Europe. However, because it was not possible to discern where specifically the respondent and his/her parents were from, Russia was coded as Asia as the entire country is officially part of Asia. Because Turkey is generally classified as a Middle Eastern country, which was included in the Asian category, it was classified as an Asian country.

7=Other: Responses that were unidentifiable and those that were too broad to be coded into one of the above categories were also included in this “other” category. Also includes Canada, those countries located on the African continent, some mid-Indian Ocean islands, like Reunion Island and Mauritius, and Cape Verde, an island in the mid-Atlantic Ocean.

Sources:

United States Central Intelligence Agency (CIA) [The World Factbook 2001](http://www.cia.gov/cia/publications/factbook/)
<http://www.cia.gov/cia/publications/factbook/>

United States Department of State Geographic Learning Site
 Countries and Regions Section
<http://www.state.gov/countries/>

World Atlas.com- uses information from the CIA's [The World Factbook 2001](http://www.worldatlas.com/aatlas/infopage/contnent.htm)
<http://www.worldatlas.com/aatlas/infopage/contnent.htm>

For “Pacific Islands” category used the following sources:

- Pacific Islanders' Cultural Association Website with a listing of Pacific Islands' nations
<http://www.pica-org.org/websurf/websurf.html>

- Asian Development Bank Policy Paper “A Pacific Strategy for the New Millennium.” September 2000
http://www.adb.org/Documents/Policies/Pacific_Strategy/default.asp

Appendix B

Urban and Rural Specifications

Rural and Urban – Claritas

Claritas – Urban

90001, 90002, 90003, 90004, 90005, 90006, 90007, 90008, 90010, 90011, 90012, 90013, 90014, 90015, 90016, 90017, 90018, 90019, 90020, 90021, 90022, 90023, 90024, 90025, 90026, 90027, 90028, 90029, 90031, 90032, 90033, 90034, 90035, 90036, 90037, 90038, 90039, 90040, 90041, 90042, 90043, 90044, 90045, 90046, 90047, 90048, 90056, 90057, 90058, 90059, 90061, 90062, 90063, 90064, 90065, 90066, 90067, 90068, 90069, 90071, 90089, 90201, 90202, 90211, 90212, 90220, 90221, 90222, 90230, 90232, 90240, 90241, 90242, 90247, 90248, 90249, 90250, 90254, 90255, 90260, 90262, 90266, 90270, 90277, 90278, 90280, 90291, 90292, 90301, 90302, 90303, 90304, 90305, 90401, 90403, 90404, 90405, 90501, 90502, 90503, 90504, 90505, 90601, 90605, 90606, 90620, 90621, 90623, 90630, 90638, 90639, 90640, 90650, 90660, 90670, 90680, 90701, 90703, 90706, 90712, 90713, 90715, 90716, 90723, 90740, 90747, 90802, 90803, 90804, 90805, 90806, 90807, 90808, 90810, 90813, 90814, 90815, 91007, 91030, 91101, 91103, 91105, 91106, 91123, 91202, 91203, 91204, 91205, 91206, 91207, 91306, 91316, 91324, 91325, 91330, 91331, 91335, 91340, 91343, 91345, 91356, 91401, 91402, 91405, 91406, 91411, 91505, 91522, 91601, 91602, 91604, 91605, 91606, 91607, 91706, 91710, 91731, 91732, 91733, 91746, 91754, 91755, 91762, 91763, 91766, 91767, 91768, 91770, 91775, 91776, 91780, 91786, 91790, 91801, 91803, 91910, 91911, 91915, 91921, 91932, 91933, 91941, 91944, 91945, 91946, 91947, 91950, 91951, 92101, 92102, 92103, 92104, 92105, 92108, 92110, 92111, 92113, 92114, 92115, 92116, 92118, 92120, 92139, 92162, 92178, 92316, 92324, 92335, 92376, 92401, 92404, 92405, 92410, 92411, 92503, 92504, 92505, 92626, 92627, 92646, 92648, 92655, 92663, 92683, 92701, 92703, 92704, 92705, 92706, 92707, 92708, 92780, 92801, 92802, 92804, 92805, 92806, 92832, 92833, 92840, 92841, 92843, 92844, 92866, 92868, 93301, 93304, 93305, 93307, 93386, 93612, 93701, 93702, 93703, 93704, 93705, 93710, 93721, 93726, 93727, 93740, 93741, 94014, 94015, 94041, 94065, 94086, 94087, 94102, 94103, 94104, 94105, 94107, 94108, 94109, 94110, 94111, 94112, 94114, 94115, 94116, 94117, 94118, 94121, 94122, 94123, 94124, 94127, 94129, 94131, 94132, 94133, 94134, 94401, 94402, 94403, 94404, 94501, 94536, 94540, 94541, 94542, 94544, 94545, 94555, 94557, 94577, 94578, 94579, 94580, 94587, 94601, 94602, 94603, 94605, 94606, 94607, 94608, 94609, 94610, 94612, 94613, 94619, 94621, 94702, 94703, 94705, 94706, 94710, 95008, 95013, 95014, 95050, 95051, 95053, 95110, 95111, 95112, 95113, 95116, 95117, 95118, 95121, 95122, 95124, 95125, 95126, 95127, 95128, 95129, 95130, 95133, 95136, 95140, 95148, 95202, 95204, 95205, 95207, 95210, 95211, 95608, 95609, 95610, 95611, 95621, 95639, 95660, 95759, 95814, 95815, 95816, 95817, 95818, 95819, 95820, 95821, 95822, 95823, 95824, 95825, 95832, 95841, 95842, 95864

Claritas - Second City

90095, 91301, 91320, 91321, 91350, 91351, 91354, 91360, 91361, 91362, 91377, 91917,
 91979, 92003, 92004, 92007, 92022, 92023, 92024, 92025, 92026, 92027, 92033, 92049,
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 94925, 94928, 94931, 94939, 94942, 94951, 94952, 94954, 94955, 94964, 94976, 94977,
 95019, 95020, 95021, 95062, 95064, 95065, 95076, 95077, 95192, 95203, 95206, 95240,
 95242, 95258, 95301, 95305, 95311, 95321, 95327, 95328, 95330, 95336, 95337, 95340,
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 95405, 95407, 95416, 95445, 95452, 95497, 95501, 95502, 95503, 95518, 95521, 95537,
 95605, 95616, 95617, 95618, 95625, 95666, 95687, 95688, 95695, 95696, 95776, 95835,
 95836, 95901, 95926, 95927, 95928, 95936, 95946, 95954, 95973, 95991, 95993, 96003,
 96049, 96065, 96087, 96088, 96099, 96125, 96137

PO Box (2nd City): 91359, 92046, 92030, 92150, 92244, 92589, 92694, 93093, 93102, 93539,
 93586, 93786, 94531, 94522, 94581, 94701, 94712, 95063, 95201, 95241, 95353, 95381,
 95406, 95402, 95929, 95992

Claritas - Suburban

90049, 90073, 90077, 90210, 90245, 90272, 90274, 90275, 90290, 90293, 90402, 90602, 90603, 90604, 90631, 90710, 90717, 90720, 90731, 90732, 90742, 90743, 90744, 90745, 90746, 91001, 91006, 91010, 91011, 91016, 91020, 91023, 91024, 91040, 91042, 91043, 91046, 91104, 91107, 91108, 91201, 91208, 91214, 91302, 91303, 91304, 91307, 91311, 91326, 91342, 91344, 91352, 91353, 91355, 91364, 91367, 91371, 91381, 91403, 91423, 91436, 91501, 91502, 91504, 91506, 91618, 91701, 91702, 91709, 91711, 91722, 91723, 91724, 91730, 91737, 91739, 91740, 91741, 91743, 91744, 91745, 91748, 91750, 91752, 91759, 91761, 91764, 91765, 91773, 91784, 91789, 91791, 91792, 91902, 91908, 91913, 91914, 91942, 91943, 91976, 91977, 91978, 92008, 92009, 92014, 92019, 92020, 92021, 92029, 92037, 92038, 92040, 92057, 92064, 92067, 92069, 92071, 92072, 92078, 92096, 92106, 92117, 92119, 92121, 92122, 92123, 92124, 92126, 92127, 92129, 92130, 92131, 92313, 92318, 92336, 92337, 92346, 92350, 92352, 92354, 92369, 92373, 92374, 92377, 92378, 92385, 92391, 92399, 92407, 92408, 92501, 92506, 92507, 92508, 92509, 92551, 92571, 92602, 92604, 92606, 92610, 92612, 92614, 92618, 92620, 92624, 92625, 92647, 92649, 92650, 92651, 92652, 92656, 92657, 92660, 92661, 92662, 92672, 92673, 92675, 92677, 92678, 92679, 92688, 92692, 92782, 92807, 92808, 92811, 92821, 92823, 92831, 92835, 92845, 92861, 92862, 92865, 92867, 92869, 92870, 92886, 92887, 93001, 93003, 93004, 93005, 93007, 93010, 93012, 93042, 93108, 93110, 93111, 93116, 93117, 93220, 93306, 93308, 93309, 93311, 93313, 93383, 93551, 93563, 93611, 93626, 93711, 93720, 93722, 94002, 94005, 94010, 94022, 94023, 94024, 94025, 94026, 94027, 94030, 94035, 94037, 94040, 94043, 94044, 94061, 94062, 94063, 94064, 94066, 94070, 94080, 94083, 94085, 94088, 94089, 94130, 94301, 94303, 94304, 94305, 94306, 94502, 94507, 94510, 94513, 94516, 94517, 94521, 94525, 94526, 94528, 94530, 94538, 94539, 94546, 94547, 94548, 94549, 94552, 94553, 94556, 94560, 94561, 94563, 94564, 94569, 94570, 94572, 94575, 94586, 94589, 94598, 94611, 94618, 94707, 94708, 94709, 94720, 94803, 94804, 94805, 94806, 94903, 94920, 94930, 94941, 94945, 94947, 94949, 94957, 94960, 94965, 94966, 94978, 94979, 95001, 95002, 95003, 95010, 95017, 95030, 95032, 95035, 95054, 95060, 95070, 95071, 95073, 95119, 95120, 95123, 95131, 95132, 95134, 95135, 95138, 95139, 95141, 95208, 95209, 95212, 95215, 95219, 95307, 95319, 95355, 95357, 95358, 95367, 95409, 95439, 95534, 95624, 95626, 95628, 95630, 95655, 95661, 95662, 95670, 95673, 95677, 95678, 95691, 95741, 95742, 95746, 95747, 95758, 95763, 95826, 95827, 95828, 95829, 95831, 95833, 95834, 95838, 95843

PO Box (Suburban): 90213, 90734, 91003, 91025, 91117, 91221, 91380, 91365, 91729, 91714, 92018, 92013, 92092, 92177, 92196, 92375, 92423, 92517, 92519, 92605, 92834, 92846, 92863, 93002, 93107, 93303, 94012, 94912, 94914, 94948, 95031, 95056, 95061, 95153, 95101, 95102, 95798

Claritas - Small Town Exurban

90263, 90265, 90704, 91310, 91384, 91901, 91903, 91935, 91962, 91963, 92028, 92055,
 92065, 92082, 92088, 92091, 92133, 92134, 92135, 92136, 92140, 92145, 92155, 92203, 92220,
 92223, 92225, 92240, 92251, 92253, 92258, 92268, 92277, 92278, 92284, 92286, 92304, 92307,
 92308, 92309, 92310, 92311, 92312, 92315, 92317, 92321, 92322, 92325, 92326, 92333, 92338,
 92359, 92365, 92394, 92397, 92530, 92531, 92532, 92548, 92562, 92564, 92570, 92584, 92586,
 92587, 92590, 92595, 92596, 92883, 93013, 93014, 93015, 93016, 93020, 93022, 93023, 93024,
 93040, 93060, 93066, 93067, 93210, 93245, 93268, 93312, 93402, 93405, 93406, 93412, 93422,
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 94503, 94506, 94511, 94512, 94514, 94535, 94576, 94922, 94923, 94946, 94950, 94963, 94972,
 94973, 95004, 95005, 95006, 95007, 95018, 95023, 95024, 95026, 95033, 95037, 95038, 95041,
 95043, 95044, 95046, 95066, 95075, 95220, 95310, 95316, 95320, 95325, 95361, 95363, 95366,
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 95437, 95442, 95444, 95448, 95472, 95476, 95481, 95482, 95487, 95492, 95519, 95531, 95538,
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 95652, 95658, 95663, 95667, 95672, 95682, 95683, 95703, 95709, 95720, 95721, 95722, 95726,
 95762, 95765, 95830, 95837, 95903, 95924, 95940, 95945, 95949, 95959, 95961, 95965, 95966,
 95967, 95968, 95969, 95975, 96001, 96002, 96007, 96019, 96073, 96079, 96080, 96089, 96130,
 96140, 96143, 96150, 96151, 96152, 96154, 96155, 96156, 96157, 96158

PO Box (Small town-Exurban): 93246, 93912, 95473, 91387, 91390

Rural and Urban – IHS

IHS - Urban

STRATA2:

1, 3, 4, 7, 8, 9, 11, 12, 13, 15, 17, 19, 21, 22, 23, 25, 31, 34

(Los Angeles, Orange, Santa Clara, Alameda, Sacramento, Contra Costa, San Francisco, Ventura, San Mateo, San Joaquin, Stanislaus, Solano, Santa Cruz, Marin, San Luis Obispo, Merced, Napa, Monterey/San Benito.)

San Diego ZIP codes:

92103, 92104, 92105, 92106, 92107, 92108, 92109, 92110, 92111, 92112, 92113, 92114, 92115, 92116, 92117, 92118, 92119, 92120, 92121, 92122, 92123, 92124, 92126, 92127, 92128, 92129, 92130, 92131, 92132, 92133, 92134, 92135, 92136, 92137, 92138, 92139, 92140, 92142, 92143, 92145, 92147, 92149, 92150, 92152, 92153, 92154, 92155, 92158, 92159, 92160, 92161, 92162, 92163, 92164, 92165, 92166, 92167, 92168, 92169, 92170, 92171, 92172, 92173, 92174, 92175, 92176, 92177, 92178, 92179, 92182, 92184, 92186, 92187, 92190, 92191, 92192, 92193, 92194, 92195, 92196, 92197, 92198, 92199

Santa Barbara ZIP codes:

93101, 93102, 93103, 93105, 93106, 93107, 93108, 93109, 93110, 93111, 93116, 93117, 93118, 93120, 93121, 93130, 93140, 93150, 93160, 93190, 93199

Bakersfield ZIP codes:

93301, 93302, 93303, 93304, 93305, 93306, 93307, 93308, 93309, 93311, 93312, 93313, 93380, 93381, 93382, 93383, 93384, 93385, 93386, 93387, 93388, 93389, 93390

IHS - Rural

STRATA2:

2, 5, 6, 10, 14, 16, 18, 20, 24, 26, 27, 28, 29, 30, 32, 33, 35, 36, 37, 38, 39, 40, 41 (except for the ZIP codes within the stratum that are assigned to the cities of San Diego, Santa Barbara, or Bakersfield (see ZIP codes above))

(San Diego, San Bernardino, Riverside, Fresno, Kern, Sonoma, Santa Barbara, Tulare, Placer, Butte, Shasta, Yolo, El Dorado, Imperial, Kings, Madera, Humboldt/Del Norte, Siskiyou/Trinity/Lassen/Modoc, Mendocino/Lake, Tehama/Colusa/Glenn, Sutter/Yuba, Nevada/Sierra/Plumas, Tuolumne/Mariposa/Calaveras/Mono/Amador/Alpine/Inyo.)

Rural and Urban – OMB

OMB - Metropolitan

STRATA2:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13,
14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 33

(Los Angeles, San Diego, Orange, Santa Clara, San Bernardino, Riverside, Alameda, Sacramento, Contra Costa, Fresno, San Francisco, Ventura, San Mateo, Kern, San Joaquin, Sonoma, Stanislaus, Santa Barbara, Solano, Tulare, Santa Cruz, Marin, San Luis Obispo, Pacer, Merced, Butte, Shasta, Yolo, El Dorado, Napa, Madera)

In stratum 34 (Monterey/San Benito) and ZIP code is not 95023, 95024, 95043, 95045, or 95075.

OMB - Non-Metropolitan

SRSTRATA2:

30, 32, 35, 36, 37, 38, 39, 40, 41

(Imperial, Kings, Humboldt/Del Norte, Siskiyou/Lassen/Trinity/Modoc, Mendicino/Lake, Tehama/Colusa/Glenn, Sutter/Yuba, Nevada/Sierra/Plumas, Tuolumne/Mariposa/Calaveras/Mono/Amador/Alpine/Inyo.)

In stratum 34 (Monterey/San Benito) and ZIP code is 95023, 95024, 95043, 95045, or 95075.

Rural and Urban – Office of Rural Health Policy

RHP - Rural

STRATA2:

30, 32, 35, 36, 37, 38, 39, 40, 41

(Imperial, Kings, Humboldt/Del Norte, Siskiyou/Lassen/Trinity/Modoc, Mendocino/Lake, Tehama/Colusa/Glenn, Sutter/Yuba, Nevada/Sierra/Plumas, Tuolumne/Mariposa/Calaveras/Mono/Amador/Alpine/Inyo.)

In stratum 34 (Monterey/San Benito) and ZIP code is 95023, 95024, 95043, 95045, 95075.

Rural ZIP codes (within large urban counties):

95925, 95948, 95954, 95967, 95969, 95978, 95619, 95623, 95629, 95633, 95634, 95635, 95636, 95643, 95646, 95651, 95656, 95667, 95684, 95709, 95720, 95721, 95726, 95735, 96142, 96150, 96151, 96152, 96154, 96155, 96156, 96157, 96158, 93210, 93234, 93242, 93514, 93609, 93618, 93620, 93622, 93631, 93638, 93646, 93648, 93654, 93656, 93657, 93662, 93205, 93215, 93216, 93224, 93226, 93238, 93240, 93249, 93250, 93252, 93255, 93268, 93280, 93283, 93285, 93287, 93501, 93502, 93504, 93505, 93516, 93523, 93524, 93527, 93555, 93556, 93596, 90704, 93601, 93610, 93637, 93639, 93644, 93635, 93661, 93665, 95301, 95312, 95322, 95324, 95334, 95369, 95374, 95380, 95381, 95388, 95602, 95603, 95604, 95724, 96140, 96143, 96145, 96148, 96160, 96161, 96162, 92220, 92223, 92225, 92226, 92230, 92241, 92258, 92276, 92282, 92563, 92589, 92590, 92592, 92593, 92242, 92252, 92267, 92268, 92277, 92278, 92280, 92284, 92304, 92309, 92310, 92311, 92312, 92314, 92319, 92323, 92332, 92338, 92347, 92363, 92364, 92366, 92398, 92004, 95336, 95337, 95361, 95376, 95378, 93422, 93423, 93428, 93432, 93446, 93447, 93453, 93465, 93460, 93463, 93464, 95020, 95021, 95023, 95360, 96047, 96059, 94515, 94952, 94954, 94955, 95416, 95433, 95476, 95316, 95363, 95382, 93207, 93208, 93212, 93218, 93221, 93247, 93256, 93257, 93258, 93260, 93265, 93267, 93270, 93272, 93274, 93275, 93282, 93286, 93542, 93615, 93647, 93673, 93015, 93016, 93040

RHP - Urban

STRATA2:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31 or 33 and not a designated rural ZIP code (see "rural" ZIP codes above)

(Los Angeles, San Diego, Orange, Santa Clara, San Bernardino, Riverside, Alameda, Sacramento, Contra Costa, Fresno, San Francisco, Ventura, San Mateo, Kern, San Joaquin, Sonoma, Stanislaus, Santa Barbara, Solano, Tulare, Santa Cruz, Marin, San Luis Obispo, Pacer, Merced, Butte, Shasta, Yolo, El Dorado, Napa, Madera)

In stratum 34 (Monterey/San Benito) and ZIP code is not 95023, 95024, 95043, 95045, 95075.